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Congressional Districts of the 98th Congress

OREGON

1980



Census of Population and Housing

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Table Finding Guide—Population Characteristics

(Tables 1 and 2 contain complete-count characteristics; tables 3 to 7 present sample characteristics)

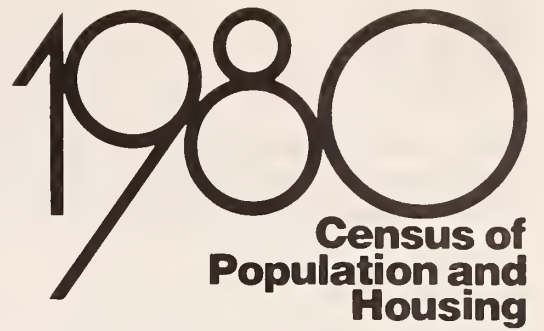
Table Finding Guide—Housing Characteristics

(Tables 1 and 2 contain complete-count characteristics; tables 8 to 11 present sample characteristics)

Subject	States and Congressional Districts		Counties, Places of 10,000 or More, and Townships of 10,000 or More ¹	Subject	States and Congressional Districts			Counties, Places of 10,000 or More, and Townships of 10,000 or More ¹
	Total	Race or Spanish Origin			All Housing Units	Year-Round Housing Units	Occupied Housing Units	
TOTAL	1, 2, 3, 4		2	TOTAL	1, 2, 8	1, 2, 8, 9	1, 2, 8, 9, 10	2
AREA AND RESIDENCE				OCCUPANCY AND VACANCY CHARACTERISTICS				
Land area	1			Tenure				
Population density	1			Persons per occupied unit			1, 2, 8	2
Urban	1, 3			Vacancy status		8	1, 2	2
Rural	3			Vacant seasonal and migratory units	8			
Farm	3							
GENERAL AND SOCIAL CHARACTERISTICS				UTILIZATION CHARACTERISTICS				
Age	1, 2	7	2	Persons per room			1	
Voting age persons	1, 2	1	2	Bedrooms		9	9	
Sex	1, 5	7		Year householder moved into unit			8	
Race	1, 2, 7		2					
Spanish origin	1, 2, 7		2	STRUCTURAL CHARACTERISTICS				
Ancestry	3			Year structure built		9	9	
Nativeity and place of birth	4			Units in structure		9	9	
Residence in 1975	4			Stories in structure		9		
Language spoken at home and ability to speak English	4			Passenger elevator		9		
Marital status	3							
Fertility	3			PLUMBING CHARACTERISTICS				
Family type	1, 2, 3	7	2	Plumbing facilities			1, 2	2
Household type and relationship	1, 3			Bathroom		8	8	
Persons in households	1, 3			Source of water		8		
Persons per household	1, 2, 3		2	Sewage disposal		8		
Group quarters type	1, 3							
Persons in group quarters	1, 3			EQUIPMENT AND FUELS				
School enrollment	4			Kitchen facilities		8		
Years of school completed	4	7		Heating equipment		8		
Veteran status	4			Air-conditioning		8		
ECONOMIC CHARACTERISTICS				Vehicles available			8	
Labor force status	5	7		Telephone in housing unit			8	
Class of worker	5			Fuels used for house heating, water heating, and cooking			10	
Labor force status in 1979	5							
Workers in family in 1979	5			FINANCIAL CHARACTERISTICS				
Occupation	5			Value			1, 2	2
Industry	5			Mortgage status and selected monthly owner costs			10	
Transportation to work	4			Contract rent			1, 2	2
Disability status	4			Gross rent			10	
Income in 1979	6	7						
Poverty status in 1979	6	7						

¹ Towns in New England, New York, and Wisconsin; townships in Michigan, New Jersey, and Pennsylvania.

¹ Towns in New England, New York, and Wisconsin; townships in Michigan, New Jersey, and Pennsylvania.



Congressional Districts of the 98th Congress

PART 39

OREGON

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Issued March 1983



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GENERAL

This report presents statistics from the 1980 Census of Population and Housing on demographic, social, economic, and housing characteristics of the inhabitants of the State, congressional districts of the 98th Congress, and selected geographic areas within the congressional districts. The congressional districts as defined in this report are those in effect for election to the U.S. House of Representatives in November 1982. Legal provision for this census, which was conducted as of April 1, 1980, was made in the Act of Congress of August 31, 1954 (amended August 1957, December 1975, and October 1976), which codified Title 13, United States Code.

The abbreviated identification for this report is PHC80-4 (i.e., Population and Housing Census, 1980-Volume 4) followed by a number representing the area which the report covers. The PHC80-4 series consists of individual reports for each State and the District of Columbia.

Corresponding data from the 1970 census for districts of the 92nd, 93rd, and 94th Congresses were published in the Congressional District Data (CDD) report series. Data from the 1980 census for districts of the 97th Congress are available on Summary Tape Files (STF's) 1A and 3A, and on microfiche of STF's 1A and 3A. Data for districts of the 98th Congress are also available on Summary Tape Files 1D and 3D.

The 1980 census figures presented here may differ from those shown in the *Advance Reports*, PHC80-V, and the Public Law 94-171 redistricting data products.

The changes reflect corrections of errors found after these products were prepared. The changes and differences may affect any geographic area shown in this report. Also, census figures for congressional districts may differ slightly from those prepared by State legislatures in their redistricting activities as result of errors in P.L. 94-171 materials and possible different interpretations and assignments of geographic areas to congressional districts in processing these data.

CONTENTS OF THE REPORT

This report contains text (this introduction and 5 appendixes), a table of contents, map(s), and 11 data tables. Appearing after the tables is a map of the State which shows, in addition to the congressional district boundaries, the boundaries of counties and the locations of selected cities. More detailed maps follow showing selected congressional district boundaries in cases where the State map cannot delineate the limits of congressional districts with sufficient clarity. No congressional district boundaries are shown on the maps for the six States with one representative elected at large nor for the District of Columbia.

The first two tables present 100-percent data (i.e., information obtained of all persons and housing units). Table 1 provides general summary data on the following demographic and housing characteristics for the State and individual congressional districts: race and Spanish origin, urban residence, sex, age, voting-age persons, household type, number of housing units, tenure, plumbing facilities, value, and contract rent. The second table provides a limited selection of data for congressional districts and the counties and places of 10,000 or more located in each congressional district. Table 2 also includes towns or townships of 10,000 or

more in 11 States: Connecticut, Maine, Massachusetts, Michigan, New Hampshire, New Jersey, New York, Pennsylvania, Rhode Island, Vermont, and Wisconsin. For counties, places, towns or townships which are split between two or more congressional districts, each portion is shown within the appropriate congressional district, with "(pt.)" following the area name.

Tables 3 to 11 present statistics based on a sample of persons and housing units. Table 3 contains general population information such as urban, rural and farm residence, ancestry, household and family type, group quarters, marital status, and fertility. Table 4 includes data on nativity, language, commuting, school enrollment, residence in 1975, veteran status, years of school completed and disability. Tables 5 and 6 present labor force and income/poverty data, respectively. Selected population characteristics for four racial groups and Spanish origin persons are included in table 7.

Tables 8 to 11 present statistics on housing. Table 8 features tenure and vacancy status, year moved in, bathroom and kitchen facilities, source of water, sewage disposal, air-conditioning, heating equipment, telephone, and vehicles available. Table 9 focuses on structural characteristics such as number of units in structure, year built, bedrooms, stories in structure, and passenger elevators. Table 10 contains information on fuels, owner costs, and gross rent, and table 11 presents a limited array of housing characteristics for the four racial groups and Spanish origin persons also featured in table 7.

A table finding guide for convenience in locating various population and housing characteristics in the tables is presented on the inside front cover of the report.

Since the statistics in tables 3 to 11 are estimates based on a sample of the population, they are subject to sampling

variability. There may thus be differences between figures found in tables 1 and 2, based on the complete count, and tables 3 through 11, based on the sample. See Appendix D, "Accuracy of the Data," for information on sampling variability and procedures for estimating its impact on the data.

Appearing last in the report are the appendixes. Appendix A describes the various area classifications (e.g., urban and rural residence, congressional districts). Appendix B provides definitions and explanations for the subjects covered in this report. Appendix C explains the residence rules used in counting the population and describes the data collection and processing procedures. Appendix D presents information on sources of error in the data, including sampling variability, as well as editing procedures. Appendix E contains facsimiles of the respondent instruction guide and the 1980 census questionnaire pages.

SYMBOLS AND GEOGRAPHIC ABBREVIATIONS

The following symbols and geographic abbreviations are used in the tables:

- A dash "--" represents zero or a percent which rounds to less than 0.1.
- Three dots "... " mean not applicable or that the data are being withheld to avoid disclosure of information for individual persons or housing units.
- A "(pt.)" next to an area name indi-

cates that it is split by a congressional district boundary.

- A dagger "†" following the name of a geographic area indicates that the characteristics for 20 percent or more of the persons or year-round housing units included in the 1980 census counts for the area were substituted. For a discussion of the substitution procedures, see the section on "Editing of Unacceptable Data," in Appendix D, 1980 Census of Population, *General Population Characteristics*, PC80-1-B, or 1980 Census of Housing, *General Housing Characteristics*, HC80-1-A.
- CDP is census designated place.

SUPPRESSION OF DATA FOR CONFIDENTIALITY

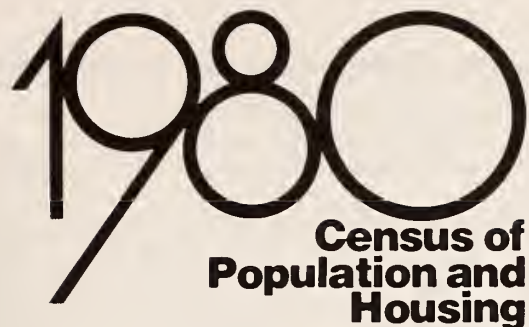
To maintain the confidentiality promised respondents and required by law, the Bureau of the Census takes precautions to make sure that its published data do not disclose information about specific individuals and housing units. To accomplish this the Census Bureau suppresses data for characteristics which are based on a small number of persons and/or housing units in the geographic area. Under certain conditions, both primary and complementary suppression, as defined below, may take place.

The general rules of primary suppression of complete count (100-percent) data are as follows: counts of total popu-

lation by race and Spanish origin are never suppressed; other characteristics for persons are shown only if there are 15 or more persons in the geographic area; counts of total housing units, vacant housing units, year-round housing units and occupied housing units are never suppressed; characteristics of year-round housing units which are not classified by occupancy status are shown only when there are five or more year-round housing units in the geographic area; characteristics of families, households, or occupied housing units are shown only if there are at least five occupied housing units within the geographic area; and distributions of data for owners or renters are shown only where the number of owners is at least five and the number of renters is also at least five. These primary suppression criteria are applied independently of one another. The comparable figures for sample data are 30 or more persons and 10 or more housing units of the specified type.

Population and occupied housing unit characteristics cross-classified by race or Spanish origin (of the householder in the case of occupied housing units) are subject to an additional level of scrutiny. This level requires the 15 (30) person or 5 (10) housing unit criteria be applied individually to each race or Spanish origin category.

Finally, complementary suppression is applied to prevent the derivation of primary suppressed data by subtraction.



Congressional Districts of the 98th Congress

OREGON

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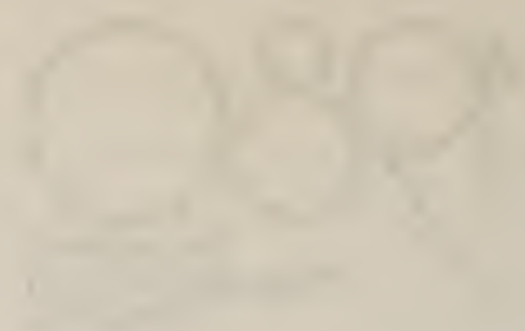
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Table 1. Characteristics of Persons and Housing Units: 1980

[For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

The State
Congressional Districts

	The State	District 1	District 2	District 3	District 4	District 5
PERSONS						
Total persons, 1980	2 633 105	526 840	526 968	526 715	526 462	526 120
Total persons, 1970	2 091 533	397 811	392 696	513 246	414 974	372 806
Percent change, 1970 to 1980	25.9	32.4	34.2	2.6	26.9	41.1
Land area in square miles	96 184	5 675	70 507	354	16 024	3 625
Persons per square mile	27.4	92.8	7.5	1487.9	32.9	145.1
Land area in square kilometers	249 117	14 697	182 614	915	41 503	9 389
Persons per square kilometer	10.6	35.8	2.9	575.6	12.7	56.0
Urban	1 788 354	367 373	255 624	518 092	299 079	348 186
RACE AND SPANISH ORIGIN						
White	2 490 610	503 854	502 232	471 726	509 012	503 786
Black	37 060	2 717	1 082	28 858	1 932	2 471
Percent of total persons	1.4	0.5	0.2	5.5	0.4	0.5
American Indian, Eskimo, and Aleut	27 314	3 617	9 284	4 597	5 822	3 994
Asian and Pacific Islander ¹	34 775	8 283	3 500	12 966	4 233	5 793
Other	43 346	8 369	10 870	8 568	5 463	10 076
Spanish origin ²	65 847	11 485	17 934	10 458	9 972	15 998
Percent of total persons	2.5	2.2	3.4	2.0	1.9	3.0
SEX						
Male	1 296 566	260 303	262 683	251 893	261 349	260 338
Female	1 336 539	266 537	264 285	274 822	265 113	265 782
AGE						
Under 5 years	198 046	37 546	41 639	38 645	40 166	40 050
5 to 14 years	391 832	76 020	83 147	69 838	80 460	82 367
15 to 19 years	225 868	42 986	45 356	41 790	46 362	49 374
16 and 17 years	90 731	17 753	19 004	16 416	18 448	19 110
18 and 19 years	92 689	17 107	17 240	17 903	19 201	21 238
20 to 24 years	237 860	46 922	41 255	51 523	47 909	50 251
20 and 21 years	91 821	17 051	16 069	19 173	18 676	20 852
25 to 34 years	481 153	101 214	87 272	102 879	96 155	93 633
35 to 44 years	303 796	64 052	60 566	55 015	60 887	63 276
45 to 54 years	243 605	49 434	50 882	47 168	48 887	47 234
55 to 64 years	247 609	49 226	52 448	51 627	49 594	44 714
65 to 74 years	69 241	13 723	15 047	14 350	13 988	12 133
75 to 84 years	184 554	36 169	40 756	39 143	35 532	32 954
85 years and over	90 351	17 803	18 290	21 562	15 730	16 966
Median	28 431	5 468	5 357	7 525	4 780	5 301
	30.2	30.8	30.8	30.5	29.8	29.2
VOTING-AGE PERSONS						
Persons 18 years and over	1 910 048	387 395	374 066	394 345	378 675	375 567
Male	925 772	189 109	184 099	184 344	185 271	182 949
Female	984 276	198 286	189 967	210 001	193 404	192 618
White	1 819 674	372 120	358 921	359 589	367 507	361 537
Black	23 822	1 978	718	18 236	1 220	1 670
American Indian, Eskimo, and Aleut	16 806	2 422	5 425	2 878	3 544	2 537
Asian and Pacific Islander ¹	24 441	5 836	2 442	8 992	3 033	4 138
Spanish origin ²	38 536	6 918	10 383	6 323	5 873	9 039
HOUSEHOLD TYPE						
Households	991 593	206 410	193 842	209 883	194 431	187 027
Family households	698 930	138 334	144 638	136 229	142 213	137 516
With persons under 18 years	368 707	71 882	76 423	69 068	76 016	75 318
Married-couple families	592 543	119 242	125 428	107 811	121 989	118 073
With persons under 18 years	293 928	58 791	62 314	50 306	61 101	61 416
Female householder, no husband present	81 948	14 437	14 383	22 510	15 478	15 140
With persons under 18 years	60 547	10 501	11 172	15 582	11 984	11 308
Nonfamily households	292 663	68 076	49 204	73 654	52 218	49 511
Persons in households	2 575 456	517 383	517 738	517 735	516 968	505 632
Persons in nonfamily households	371 707	84 657	60 575	94 286	68 308	63 881
Persons living alone	232 957	54 972	40 648	58 123	40 333	38 881
65 years and over	85 025	17 841	16 792	22 052	14 028	14 312
Persons in group quarters	57 649	9 457	9 230	8 980	9 494	20 488
Inmate of institution	28 252	4 138	5 307	4 923	3 612	10 272
Persons per household	2.60	2.51	2.67	2.47	2.66	2.70
HOUSING UNITS						
Total housing units	1 083 285	232 552	221 428	220 519	208 816	199 970
Year-round housing units	1 071 294	230 516	214 620	220 398	207 281	198 479
Occupied housing units	991 593	206 410	193 842	209 883	194 431	187 027
With 1.01 or more persons per room	28 967	4 709	7 798	5 157	6 440	4 863
Locking complete plumbing for exclusive use	13 764	4 352	3 473	1 582	2 719	1 638
Owner-occupied housing units	645 941	127 862	134 774	126 431	130 365	126 509
Percent of occupied housing units	65.1	61.9	69.5	60.2	67.0	67.6
Renter-occupied housing units	345 652	78 548	59 068	83 452	64 066	60 518
With 1.01 or more persons per room	15 129	2 746	3 597	3 310	2 937	2 539
Locking complete plumbing for exclusive use	9 388	3 600	1 834	1 299	1 518	1 137
PERSONS IN UNIT						
With 1.01 or more persons per room	153 998	23 700	41 313	28 235	33 237	27 513
Locking complete plumbing for exclusive use	25 293	6 503	7 308	3 083	5 414	2 985
VALUE						
Specified owner-occupied housing units	487 688	97 621	88 737	112 466	91 724	97 140
Less than \$30,000	49 861	7 054	15 668	10 121	10 239	6 779
\$30,000 to \$49,999	131 717	16 698	28 917	35 100	26 387	24 615
\$50,000 to \$79,999	207 123	41 498	32 835	51 355	38 873	42 562
\$80,000 to \$99,999	52 325	15 498	6 402	9 111	8 932	12 382
\$100,000 to \$149,999	34 974	11 910	3 853	4 903	5 794	8 514
\$150,000 or more	11 688	4 963	1 062	1 876	1 499	2 288
Median	\$59 000	\$68 100	\$49 900	\$56 400	\$57 100	\$62 100
CONTRACT RENT						
Specified renter-occupied housing units	328 157	75 207	53 810	81 860	60 177	57 103
Less than \$150	64 705	14 111	15 057	11 748	13 084	10 705
\$150 to \$199	74 139	13 570	12 948	18 995	13 852	14 774
\$200 to \$249	76 786	16 607	10 012	22 983	12 667	14 517
\$250 to \$299	53 615	14 131	6 992	14 289	9 596	8 607
\$300 to \$399	37 185	10 805	3 845	9 914	7 275	5 346
\$400 or more	9 334	3 729	828	2 109	1 305	1 363
No cash rent	12 393	2 254	4 128	1 822	2 398	1 791
Median	\$212	\$226	\$186	\$220	\$208	\$207

¹Excludes "Other Asian and Pacific Islander" groups identified in sample tabulations.

²Persons of Spanish origin may be of any race.

Table 2. Summary Characteristics of Persons and Housing Units: 1980

[For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

**The State
Congressional Districts
Counties
Places of 10,000 or More**

	Total	Black	Spanish origin¹	18 years and over	65 years and over	Median	Total	Year-round	Total	Owner	exclusive use	husband present	persons per unit	specified owner	specified renter
The State -----	2 633 105	1.4	2.5	910 048	303 336	30.2	1 083 285	1 071 294	991 593	65.1	1.4	8.3	2.60	59 000	212
Congressional District 1 -----	526 840	0.5	2.2	387 395	59 440	30.8	232 552	230 516	206 410	61.9	2.1	7.0	2.51	68 100	226
COUNTIES															
Clatsop -----	32 489	0.5	1.4	23 904	4 745	31.5	16 613	16 548	12 795	64.5	1.7	7.4	2.45	50 400	164
Columbia -----	35 646	0.1	1.5	24 437	3 930	30.5	13 640	13 590	12 742	75.2	1.4	6.7	2.78	53 100	172
Lincoln -----	35 264	0.1	1.1	26 922	5 890	35.3	20 952	20 528	14 608	68.1	1.7	6.4	2.38	55 600	198
Multnomah (pt.) -----	89 596	1.3	1.7	74 885	13 178	33.5	47 092	47 042	43 874	44.3	6.5	5.7	1.98	81 300	198
Polk (pt.) -----	11 541	0.1	1.4	8 008	1 099	31.8	4 246	4 102	3 867	78.8	2.0	4.5	2.98	62 000	148
Tillamook -----	21 164	0.2	1.0	15 650	3 350	34.2	12 744	11 976	8 403	70.0	1.1	5.6	2.49	50 800	172
Washington -----	245 808	0.4	2.6	174 601	20 388	29.2	97 019	96 576	90 930	63.8	0.5	7.9	2.67	73 100	264
Yamhill -----	55 332	0.2	3.3	38 988	6 860	29.6	20 246	20 154	19 191	71.5	1.1	7.4	2.78	54 600	200
PLACES OF 10,000 OR MORE															
Albany (COP) -----	28 353	0.6	2.5	18 513	930	26.7	9 904	9 904	9 380	71.4	0.2	8.8	3.02	66 900	286
Beaverton city -----	30 582	0.8	2.3	22 391	2 028	28.2	13 542	13 533	12 272	49.4	0.4	9.9	2.47	76 400	263
Forest Grove city -----	11 499	0.4	4.5	8 481	1 577	28.0	4 523	4 513	4 227	55.3	0.9	8.8	2.53	61 800	207
Hillsboro city -----	27 664	0.4	4.7	18 563	2 351	27.6	10 109	10 104	9 588	61.5	0.4	9.7	2.84	66 300	251
Lake Oswego city (pt.) -----	1 214	0.7	0.9	1 069	69	33.1	772	772	644	65.2	—	3.7	1.89	139 300	385
McMinnville city -----	14 080	0.5	3.2	10 475	2 009	29.5	5 513	5 512	5 293	59.9	0.5	9.5	2.48	58 900	205
Newberg city -----	10 394	0.3	3.3	7 529	1 490	27.4	3 886	3 881	3 672	61.5	0.5	9.6	2.63	53 800	213
Portland city (pt.) -----	80 185	1.5	1.7	67 725	12 237	33.3	43 303	43 278	40 334	40.7	6.9	5.6	1.92	78 800	198
Tigard city -----	14 286	0.4	1.6	10 604	1 452	29.6	6 112	6 110	5 716	54.0	0.3	8.7	2.48	75 100	262
Congressional District 2 -----	526 968	0.2	3.4	374 066	64 403	30.8	221 428	214 620	193 842	69.5	1.8	7.4	2.67	49 900	186
COUNTIES															
Baker -----	16 134	0.1	1.3	11 593	2 561	33.8	7 308	6 883	6 169	72.5	2.8	6.3	2.58	35 700	145
Crook -----	13 091	—	1.4	9 305	1 641	32.0	5 633	5 425	4 892	72.4	1.2	6.3	2.65	44 700	161
Oeschesutes -----	62 142	0.1	1.7	44 130	6 272	29.9	28 108	27 577	22 976	72.9	1.2	6.8	2.68	59 400	232
Gilliam -----	2 057	—	2.6	1 491	291	33.6	1 049	998	778	67.0	0.6	5.9	2.61	31 700	151
Grant -----	8 210	—	1.0	5 790	1 004	31.7	3 812	3 502	3 006	72.9	4.3	5.6	2.70	38 000	147
Harney -----	8 314	—	3.1	5 778	830	30.1	3 375	3 306	2 942	73.0	1.8	4.9	2.81	34 200	151
Hood River -----	15 835	0.2	6.6	11 339	1 957	31.3	7 152	6 450	5 962	66.4	5.8	6.1	2.63	55 300	171
Jackson (pt.) -----	122 702	0.1	3.0	88 935	15 437	31.1	48 554	48 364	45 538	68.0	1.5	8.5	2.61	59 500	208
Jefferson -----	11 599	0.3	6.3	7 773	1 090	28.5	5 198	4 565	3 935	67.4	1.4	8.8	2.92	46 400	156
Josephine (pt.) -----	50 348	0.1	2.0	36 427	7 952	33.9	20 221	20 161	19 029	72.7	2.6	8.4	2.62	57 800	205
Klamath -----	59 117	0.6	3.0	41 359	6 264	29.8	25 363	24 375	21 688	69.0	1.6	7.3	2.68	44 200	169
Lake -----	7 532	—	2.0	5 269	835	31.2	3 326	3 175	2 791	71.0	2.8	5.5	2.68	36 600	150
Malheur -----	26 896	0.3	14.1	18 301	3 340	29.6	10 636	10 353	9 279	69.2	1.4	7.2	2.86	38 400	147
Morrow -----	7 519	0.1	4.8	5 098	701	28.8	3 213	3 087	2 642	70.0	0.8	5.1	2.84	42 900	197
Sherman -----	2 172	0.1	1.4	1 532	263	32.3	983	946	820	66.1	0.2	3.7	2.65	27 100	150
Umatilla -----	58 861	0.2	4.6	41 331	6 695	29.6	23 504	23 140	21 077	65.7	1.3	7.6	2.72	44 200	180
Union -----	23 921	0.4	1.1	16 802	2 879	29.2	9 693	9 473	8 707	69.8	1.7	6.8	2.69	42 900	170
Walla Walla -----	7 273	0.1	0.6	5 259	1 080	33.5	3 636	3 208	2 813	72.9	3.2	5.7	2.57	42 700	133
Wasco -----	21 732	0.3	2.2	15 461	3 049	32.0	9 889	8 925	8 212	68.4	1.3	7.5	2.61	47 400	175
Wheeler -----	1 513	—	0.5	1 093	262	37.5	775	707	586	70.6	1.0	4.8	2.58	23 700	100
PLACES OF 10,000 OR MORE															
Altamont (COP) -----	19 805	0.8	2.6	13 637	1 989	30.1	7 557	7 545	7 127	75.0	0.4	8.4	2.77	46 100	193
Ashland city -----	14 943	0.5	2.0	11 675	1 769	27.9	6 330	6 318	5 909	53.4	2.2	9.6	2.34	63 800	196
Bend city -----	17 263	0.1	1.6	12 888	1 810	28.0	7 848	7 810	7 011	55.5	1.6	8.6	2.42	51 200	228
City of the Dalles city -----	10 820	0.4	2.1	7 941	1 850	33.5	4 681	4 634	4 309	64.6	0.4	7.7	2.44	49 600	182
Grants Pass city -----	15 032	0.1	1.9	11 082	2 786	33.1	6 356	6 355	6 057	59.0	0.7	10.8	2.42	55 700	219
Klamath Falls city -----	16 661	0.8	3.2	12 283	2 247	28.8	7 364	7 360	6 691	53.6	1.3	8.5	2.37	41 500	165
La Grande city -----	11 354	0.8	1.3	8 286	1 450	27.9	4 726	4 722	4 375	59.0	1.5	8.2	2.48	41 900	173
Medford city -----	39 603	0.1	3.0	28 646	5 431	30.5	16 553	16 546	15 559	58.2	0.6	10.2	2.48	58 700	216
Pendleton city -----	14 521	0.5	2.2	10 772	1 818	30.6	6 068	6 063	5 534	57.1	2.4	8.6	2.48	46 300	167
Congressional District 3 -----	526 715	5.5	2.0	394 345	68 230	30.5	220 519	220 398	209 883	60.2	0.8	10.7	2.47	56 400	220
COUNTIES															
Clackamas (pt.) -----	53 671	0.4	1.3	39 571	6 359	32.0	21 476	21 470	20 622	66.3	0.5	9.0	2.56	68 700	246
Multnomah (pt.) -----	473 044	6.1	2.1	354 774	61 871	30.4	199 043	198 928	189 261	59.6	0.8	10.9	2.46	55 000	218
PLACES OF 10,000 OR MORE															
Centennial (COP) -----	22 118	0.9	1.9	15 435	1 468	27.9	8 404	8 402	8 070	61.6	0.2	12.1	2.74	60 800	233
Cully (COP) -----	10 569	4.1	2.1	8 144	1 542	31.4	4 737	4 729	4 501	62.9	0.5	11.5	2.33	46 700	195
Erral Heights (COP) -----	10 487	0.9	2.8	7 695	1 227	29.1	4 446	4 444	4 211	63.0	0.5	11.8	2.49	42 400	208
Gresham city -----	33 005	0.7	1.6	22 922	2 692	28.4	12 375	12 359	11 665	64.6	0.2	8.9	2.78	70 000	268
Hazelwood (COP) -----	25 541	0.6	1.6	19 587	3 171	32.4	10 542	10 541	10 129	61.4	0.2	9.2	2.48	59 300	229
Lake Oswego city (pt.) -----	15 833	0.4	1.1	11 540	1 502	33.6	6 252	6 251	5 948	69.9	0.6	8.0	2.64	105 500	289
Milwaukie city (pt.) -----	17 334	0.4	1.2	13 020	2 109	30.9	7 270	7 270	7 015	59.0	0.6	9.3	2.46	60 500	238
Oak Grove (COP) (pt.) -----	3 839	0.2	1.2	3 122	1 218	40.9	1 674	1 674	1 589	57.3	0.3	9.1	2.10	56 100	218
Parkrose (COP) -----	21 108	1.2	1.4	16 141	2 400	34.6	8 812	8 812	8 434	65.3	0.2	8.6	2.48	66 800	239
Portland city (pt.) -----	285 922	9.3	2.2	218 574	43 661	30.8	124 506	124 450	118 411	57.5	1.0	11.5	2.37	49 900	208

¹Persons of Spanish origin may be of any race.

Table 2. Summary Characteristics of Persons and Housing Units: 1980—Con.

[For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

**The State
Congressional Districts
Counties
Places of 10,000 or More**

Persons						Housing units												
	Percent		Age			Total	Year-round	Total	Occupied				Persons per unit	Median value (dollars), specified owner	Median contract rent (dollars), specified renter			
	Total	Black	Spanish origin¹	18 years and over	65 years and over				Median	Total	Year-round	Total				Owner	Percent	
																	Lacking complete plumbing for exclusive use	Family with female householder, no husband present
		</																

¹Persons of Spanish origin may be of any race.

Table 3. General, Family, and Fertility Characteristics: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendix 8]

**The State
Congressional Districts****URBAN AND RURAL**

	The State	District 1	District 2	District 3	District 4	District 5
Total persons	2 633 105	526 760	526 960	526 779	526 464	526 142
Urban	1 788 284	367 279	255 432	518 148	299 114	348 311
Inside urbanized areas	1 268 202	297 200	52 271	518 148	182 570	218 013
Outside urbanized areas	520 082	70 079	203 161	—	116 544	130 298
Rural	844 821	159 481	271 528	8 631	227 350	177 831
Farm	78 045	14 578	28 029	609	16 417	18 412

ANCESTRY

Total persons	2 633 105	526 760	526 960	526 779	526 464	526 142
Single ancestry group	1 048 962	204 313	232 303	222 994	185 086	204 266
Dutch	23 080	5 069	6 251	3 577	4 175	4 008
English	271 686	51 591	62 430	46 444	57 223	53 998
French	27 970	4 884	7 571	5 295	5 135	5 085
German	243 080	46 517	52 391	47 900	41 852	54 420
Greek	3 419	898	388	1 268	451	414
Hungarian	3 614	804	635	908	682	585
Irish	97 358	17 151	26 829	18 655	18 282	16 441
Italian	23 366	4 634	4 634	7 042	3 391	3 665
Norwegian	39 960	8 701	7 092	8 918	7 259	7 990
Polish	11 808	2 804	1 800	2 386	2 615	2 203
Portuguese	3 671	611	1 113	430	829	688
Russian	8 652	1 989	777	1 659	1 101	3 126
Scottish	24 009	5 124	6 773	4 341	3 726	4 045
Swedish	36 067	8 177	8 525	7 605	5 396	6 364
Ukrainian	1 851	486	143	410	540	272
Other	229 371	44 873	44 951	66 156	32 429	40 962

Multiple ancestry group	1 161 044	246 694	203 632	225 689	244 325	240 704
Ancestry not specified	423 099	75 753	91 025	78 096	97 053	81 172
Not reported	249 762	46 743	43 313	49 167	58 913	51 626

Selected multiple ancestry groups:

English and other group(s)	497 780	106 261	88 235	92 436	107 752	103 096
French and other group(s)	167 987	34 124	29 528	33 118	35 962	35 255
German and other group(s)	515 838	109 139	86 292	99 309	106 998	114 100
Irish and other group(s)	449 154	89 493	84 184	85 003	99 938	90 536
Italian and other group(s)	37 403	7 913	6 094	8 785	7 115	7 496
Polish and other group(s)	25 285	6 113	3 225	5 621	4 837	5 489

HOUSEHOLD TYPE AND RELATIONSHIP

In households	2 575 489	517 341	517 737	517 875	516 908	505 628
Family householder	703 728	139 270	145 926	137 116	142 904	138 512
Nonfamily householder: Male	132 218	32 434	22 533	30 528	24 972	21 751
Female	156 804	34 996	25 870	42 341	26 607	26 990
Spouse	599 689	120 036	126 631	109 982	123 573	119 467
Other relatives	875 381	168 863	179 833	170 250	176 617	179 818
Nonrelatives	107 669	21 742	16 944	27 658	22 235	19 090
Persons per household	2.59	2.50	2.66	2.47	2.66	2.70
Persons per family	3.10	3.07	3.10	3.04	3.10	3.16

PERSONS IN HOUSEHOLD

Households	992 750	206 700	194 329	209 985	194 483	187 253
1 person	231 955	54 819	40 303	57 947	40 233	38 653
2 persons	345 387	70 814	69 382	72 021	69 099	64 071
3 persons	162 910	31 683	31 944	33 824	33 341	32 118
4 persons	147 512	29 407	30 235	26 854	30 737	30 279
5 persons	68 538	13 389	14 590	12 212	13 817	14 530
6 or more persons	36 448	6 588	7 875	7 127	7 256	7 602

FAMILY TYPE BY PRESENCE OF OWN CHILDREN

Families	703 728	139 270	145 926	137 116	142 904	138 512
With own children under 18 years	358 538	70 124	74 274	66 714	73 706	73 720
Married-couple families	601 468	120 680	127 315	110 112	123 835	119 526
With own children under 18 years	291 643	58 181	61 519	50 417	60 523	61 003
Female householder, no husband present	79 458	14 322	13 977	21 717	14 681	14 761
With own children under 18 years	55 440	9 878	10 288	13 828	10 904	10 542

TYPE OF GROUP QUARTERS

Persons in group quarters	57 616	9 419	9 223	8 904	9 556	20 514
Inmate of mental hospital	2 357	209	498	210	136	1 304
Inmate of home for the aged	16 052	3 201	2 735	3 844	2 825	3 447
Inmate of other institution	9 582	724	2 095	761	592	5 410
In college dormitory	20 226	2 642	2 092	2 371	4 365	8 756
Other, in group quarters	9 399	2 643	1 803	1 718	1 638	1 597

MARITAL STATUS

Male, 15 years and over	993 947	202 273	198 606	196 456	199 291	197 321
Single	267 926	55 870	46 517	57 485	52 133	55 921
Now married, except separated	618 811	124 247	131 247	113 678	126 719	122 920
Separated	15 943	3 301	3 000	3 657	3 055	2 930
Widowed	21 443	4 301	4 464	5 114	3 980	3 584
Divorced	69 824	14 554	13 378	16 522	13 404	11 966
Female, 15 years and over	1 049 427	211 219	203 550	221 780	206 578	206 300
Single	207 194	43 465	32 288	48 740	39 672	43 029
Now married, except separated	614 285	122 825	129 664	113 103	126 424	122 269
Separated	20 837	3 971	3 834	5 251	4 122	3 659
Widowed	112 270	21 431	21 696	29 179	19 286	20 678
Divorced	94 841	19 527	16 068	25 507	17 074	16 665

FERTILITY

Women 15 to 44 years	621 492	126 611	116 121	126 666	125 482	126 612
Children ever born	808 758	152 124	174 602	148 335	168 207	165 490
Per 1,000 women	1 301	1 202	1 504	1 171	1 340	1 307

Table 4. **Selected Social Characteristics: 1980**

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendix B]

**The State
Congressional Districts****NATIVITY AND PLACE OF BIRTH**

	The State	District 1	District 2	District 3	District 4	District 5
Total persons	2 633 105	526 760	526 960	526 779	526 464	526 142
Native	2 525 300	500 424	511 790	495 932	511 551	505 603
Born in State of residence	1 166 389	230 452	218 029	246 288	226 991	244 629
Born in different State	1 341 940	266 337	290 768	246 022	281 284	257 529
Born abroad, at sea, etc.	16 971	3 635	2 993	3 622	3 276	3 445
Foreign born	107 805	26 336	15 170	30 847	14 913	20 539

**LANGUAGE SPOKEN AT HOME AND ABILITY TO
SPEAK ENGLISH**

Persons 5 to 17 years	525 901	101 881	111 670	93 727	108 158	110 465
Speak only English at home	502 573	96 964	107 435	88 257	105 572	104 345
Speak a language other than English at home	23 328	4 917	4 235	5 470	2 586	6 120
Spanish language spoken at home	9 707	1 886	2 903	958	973	2 987
Speak English very well or well	8 488	1 596	2 367	898	902	2 725
Speak English not well or not at all	1 219	290	536	60	71	262
Other language spoken at home	13 621	3 031	1 332	4 512	1 613	3 133
Speak English very well or well	11 118	2 636	1 216	3 312	1 366	2 588
Speak English not well or not at all	2 503	395	116	1 200	247	545

Persons 18 years and over	1 909 296	387 447	373 641	394 437	378 203	375 568
Speak only English at home	1 802 327	361 981	355 031	367 531	363 400	354 384
Speak a language other than English at home	106 969	25 466	18 610	26 906	14 803	21 184
Spanish language spoken at home	32 099	6 019	9 204	4 695	4 294	7 887
Speak English very well or well	26 125	4 971	6 782	4 110	3 913	6 349
Speak English not well or not at all	5 974	1 048	2 422	585	381	1 538
Other language spoken at home	74 870	19 447	9 406	22 211	10 509	13 297
Speak English very well or well	65 266	17 478	8 561	17 994	9 577	11 656
Speak English not well or not at all	9 604	1 969	845	4 217	932	1 641

**MEANS OF TRANSPORTATION TO WORK AND
PRIVATE VEHICLE OCCUPANCY**

Workers 16 years and over	1 111 750	244 231	202 235	240 305	205 593	219 386
Car, truck, or van	925 408	202 100	170 119	192 026	173 809	187 354
Drive alone	729 850	158 756	136 654	147 907	138 818	147 715
Carpool	195 558	43 344	33 465	44 119	34 991	39 639
Public transportation	55 816	14 821	766	29 529	4 601	6 099
Walked only	63 378	15 075	15 617	9 719	11 285	11 682
Other means	33 501	4 800	7 224	4 923	8 904	7 650
Worked at home	33 647	7 435	8 509	4 108	6 994	6 601
Persons per private vehicle	1.13	1.13	1.12	1.14	1.13	1.13

SCHOOL ENROLLMENT

Persons 3 years old and over enrolled in school	690 320	135 909	129 882	126 659	145 203	152 667
Nursery school	28 085	5 797	4 764	6 050	5 509	5 965
Public	8 041	1 300	1 492	2 195	1 563	1 491
Private	20 044	4 497	3 272	3 855	3 946	4 474
Kindergarten and elementary (1 to 8 years)	352 376	68 261	74 281	63 158	72 776	73 900
Public	320 856	61 465	69 680	56 286	67 073	66 352
Private	31 520	6 796	4 601	6 872	5 703	7 548
High school (1 to 4 years)	160 459	31 777	33 227	28 778	33 404	33 273
Public	151 755	29 782	32 263	26 426	31 855	31 429
Private	8 704	1 995	964	2 352	1 549	1 844
College	149 400	30 074	17 610	28 673	33 514	39 529
Public	130 004	23 084	16 825	22 012	32 376	35 707
Private	19 396	6 990	785	6 661	1 138	3 822

YEARS OF SCHOOL COMPLETED

Persons 25 years old and over	1 579 841	323 658	315 527	324 966	311 565	304 125
Elementary (0 to 8 years)	180 979	30 830	40 320	36 800	37 942	35 087
High school: 1 to 3 years	203 855	33 284	45 674	43 085	45 730	36 082
4 years	586 543	110 637	126 242	119 881	117 226	112 557
College: 1 to 3 years	326 428	71 911	60 282	70 231	61 253	62 751
4 or more years	282 036	76 996	43 009	54 969	49 414	57 648
Percent high school graduates	75.6	80.2	72.7	75.4	73.1	76.6

RESIDENCE IN 1975

Persons 5 years and over	2 436 803	489 563	485 494	488 343	486 607	486 796
Same house	1 009 415	195 605	197 719	224 051	198 636	193 404
Different house in United States	1 387 011	283 790	282 551	252 820	281 392	286 458
Same county	648 760	114 347	126 048	145 317	144 490	118 558
Different county	738 251	169 443	156 503	107 503	136 902	167 900
Same State	325 699	78 861	61 692	43 995	47 789	93 362
Different State	412 552	90 582	94 811	63 508	89 113	74 538
Northeast	22 553	6 398	2 598	4 951	4 178	4 428
North Central	50 918	12 955	7 520	8 752	10 652	11 039
South	37 400	9 919	6 925	7 109	7 136	6 311
West	301 681	61 310	77 768	42 696	67 147	52 760
Abroad	40 377	10 168	5 224	11 472	6 579	6 934

VETERAN STATUS

Civilian persons 16 years and over	1 997 938	404 232	392 632	410 139	396 446	394 489
Veteran	390 042	80 401	79 825	77 100	78 817	73 899
Percent of civilian persons 16 years and over	19.5	19.9	20.3	18.8	19.9	18.7
Male veteran	373 689	76 770	76 858	73 652	75 649	70 760
Percent of male civilian persons 16 years and over	38.6	39.0	39.7	38.4	39.0	36.7

WORK DISABILITY STATUS

Noninstitutional persons 16 to 64 years	1 686 245	344 755	326 394	341 464	340 261	333 371
With a work disability	166 103	30 500	34 590	33 478	36 993	30 542
Not in labor force	89 071	15 326	19 431	17 880	20 620	15 814
Prevented from working	67 597	11 449	15 150	13 998	15 398	11 602

PUBLIC TRANSPORTATION DISABILITY STATUS

Noninstitutional persons 16 to 64 years	1 686 245	344 755	326 394	341 464	340 261	333 371
With a public transportation disability	23 617	4 168	4 402	5 778	4 833	4 436
Noninstitutional persons 65 years and over	287 850	56 544	61 335	64 751	53 320	51 900
With a public transportation disability	35 228	6 500	6 233	9 759	6 729	6 007

Table 5. Labor Force Characteristics: 1980

[Oto are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendix B]

**The State
Congressional Districts****LABOR FORCE STATUS**

	The State	District 1	District 2	District 3	District 4	District 5
Persons 16 years and over	2 000 980	405 312	392 983	410 805	397 071	394 809
Labor force	1 244 067	266 611	232 944	264 578	237 152	242 782
Percent of persons 16 years and over	62.2	65.8	59.3	64.4	59.7	61.5
Civilian labor force	1 241 025	265 531	232 593	263 912	236 527	242 462
Employed	1 138 425	249 156	207 373	246 470	210 799	224 627
Unemployed	102 600	16 375	25 220	17 442	25 728	17 835
Percent of civilian labor force	8.3	6.2	10.8	6.6	10.9	7.4
Not in labor force	756 913	138 701	160 039	146 227	159 919	152 027
Female, 16 years and over	1 029 117	207 329	199 245	218 257	202 401	201 885
Labor force	516 531	112 657	91 998	116 573	94 135	101 168
Percent of female, 16 years and over	50.2	54.3	46.2	53.4	46.5	50.1
Civilian labor force	516 377	112 610	91 968	116 531	94 122	101 146
Employed	476 894	106 030	82 746	109 750	84 475	93 893
Unemployed	39 483	6 580	9 222	6 781	9 647	7 253
Percent of civilian labor force	7.6	5.8	10.0	5.8	10.2	7.2
Not in labor force	512 586	94 672	107 247	101 684	108 266	100 717
Female, 16 years and over	1 029 117	207 329	199 245	218 257	202 401	201 885
With own children under 6 years	160 927	30 506	33 859	31 133	32 611	32 818
In labor force	69 430	13 732	14 480	14 539	12 625	14 054
With own children 6 to 17 years only	190 868	38 046	38 845	34 447	39 994	39 536
In labor force	123 183	25 630	24 627	23 415	23 952	25 559

CLASS OF WORKER

Employed persons 16 years and over	1 138 425	249 156	207 373	246 470	210 799	224 627
Private wage and salary workers	829 826	190 289	140 365	196 173	148 642	154 357
Federal government workers	36 515	6 328	9 303	8 496	6 360	6 028
State government workers	60 532	9 110	9 154	7 826	10 583	23 859
Local government workers	100 065	19 368	21 986	17 466	21 421	19 824
Self-employed workers	103 438	22 236	24 810	15 518	22 019	18 855
Unpaid family workers	8 049	1 825	1 755	991	1 774	1 704

OCCUPATION

Employed persons 16 years and over	1 138 425	249 156	207 373	246 470	210 799	224 627
Managerial and professional specialty occupations	264 167	68 743	42 502	53 783	45 499	53 640
Executive, administrative, and managerial occupations	124 406	33 130	19 935	26 448	19 961	24 932
Professional specialty occupations	139 761	35 613	22 567	27 335	25 538	28 708
Technical, sales, and administrative support occupations	335 631	76 784	51 791	83 913	55 438	67 705
Technicians and related support occupations	30 429	7 873	4 079	6 660	4 810	7 007
Sales occupations	122 350	28 499	21 257	26 999	22 424	23 171
Administrative support occupations, including clerical	182 852	40 412	26 455	50 254	28 204	37 527
Service occupations	153 168	28 948	30 964	33 916	30 004	29 336
Private household occupations	4 780	869	795	1 060	1 057	999
Protective service occupations	14 753	2 766	3 267	2 680	2 716	3 324
Service occupations, except protective and household	133 635	25 313	26 902	30 176	26 231	25 013
Farming, forestry, and fishing occupations	51 922	9 244	18 635	2 438	11 951	9 654
Precision production, craft, and repair occupations	141 408	28 420	26 497	30 349	26 498	29 644
Operators, fabricators, and laborers	192 129	37 017	36 984	42 071	41 409	34 648
Machine operators, assemblers, and inspectors	83 889	18 034	13 685	20 156	16 690	15 324
Transportation and material moving occupations	56 602	9 746	12 211	11 361	13 020	10 264
Handlers, equipment cleaners, helpers, and laborers	51 638	9 237	11 088	10 554	11 699	9 060

INDUSTRY

Employed persons 16 years and over	1 138 425	249 156	207 373	246 470	210 799	224 627
Agriculture, forestry, fisheries, and mining	55 001	9 149	21 565	3 078	10 305	10 904
Construction	73 250	14 506	15 600	14 587	12 639	15 918
Manufacturing	222 017	57 108	33 331	44 964	46 557	40 057
Nonurable goods	53 593	13 234	8 230	12 885	7 229	12 015
Durable goods	168 424	43 874	25 101	32 079	39 328	28 042
Transportation	48 641	9 697	7 928	14 811	8 426	7 779
Communications and other public utilities	32 980	7 970	6 086	8 277	5 152	5 495
Wholesale trade	53 277	12 614	7 699	15 433	7 553	9 978
Retail trade	203 220	41 821	39 260	45 331	39 574	37 234
Finance, insurance, and real estate	71 228	18 181	9 489	19 387	10 353	13 818
Business and repair services	42 403	9 297	6 027	11 679	7 806	7 594
Personal, entertainment, and recreation services	44 572	9 051	9 328	10 401	8 199	7 593
Professional and related services	234 834	49 956	40 327	48 572	44 958	51 021
Health services	78 646	17 237	13 807	18 814	13 261	15 527
Educational services	103 881	20 103	18 504	17 764	22 133	25 377
Other professional and related services	52 307	12 616	8 016	11 994	9 564	10 117
Public administration	57 002	9 806	10 733	9 950	9 277	17 236

LABOR FORCE STATUS IN 1979

Male, 16 years and over, in labor force in 1979	797 039	165 766	154 779	158 291	158 134	160 069
Worked in 1979	789 404	164 648	153 375	156 457	156 174	158 750
50 to 52 weeks	471 973	103 678	90 351	97 657	87 974	92 313
40 to 49 weeks	119 075	24 294	22 388	23 009	25 347	24 037
1 to 39 weeks	198 356	36 676	40 636	35 791	42 853	42 400
Usually worked 35 or more hours per week	684 347	143 001	135 855	135 066	133 695	136 730
50 to 52 weeks	443 404	97 632	85 119	91 810	82 206	86 637
With unemployment in 1979	177 593	33 074	33 935	34 866	40 571	35 147
Mean weeks of unemployment	13.4	12.1	15.2	13.2	14.1	12.5

Female, 16 years and over, in labor force in 1979	613 079	130 154	111 567	133 116	114 713	123 529
Worked in 1979	603 300	128 764	109 643	131 247	111 852	121 794
50 to 52 weeks	266 479	60 323	44 882	65 200	43 645	52 429
40 to 49 weeks	91 149	20 391	15 368	20 136	17 333	17 921
1 to 39 weeks	245 672	48 050	49 393	45 911	50 874	51 444
Usually worked 35 or more hours per week	394 054	85 759	71 490	89 761	67 251	79 793
50 to 52 weeks	210 160	48 401	34 169	53 399	32 527	41 664
With unemployment in 1979	133 194	26 172	23 402	27 276	29 723	26 621
Mean weeks of unemployment	12.4	10.7	15.0	11.1	13.7	11.6

Persons 16 years and over with unemployment in 1979	310 787	59 246	57 337	62 142	70 294	61 768
Unemployed 15 or more weeks	100 933	16 175	22 765	18 748	25 102	18 143

WORKERS IN FAMILY IN 1979

Families	703 728	139 270	145 926	137 116	142 904	138 512
No workers	92 430	15 687	21 281	18 232	20 574	16 656
1 worker	232 956	44 322	50 010	44 371	50 488	43 765
2 or more workers	378 342	79 261	74 635	74 513	71 842	78 091

Table 6. Income and Poverty Status in 1979: 1980

(Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendix 8)

**The State
Congressional Districts****INCOME IN 1979**

Households	The State	District 1	District 2	District 3	District 4	District 5
Less than \$5,000	992 750	206 700	194 329	209 985	194 483	187 253
\$5,000 to \$7,499	120 075	22 654	25 680	25 893	25 168	20 680
\$7,500 to \$9,999	83 226	15 411	18 771	17 409	17 537	14 098
\$10,000 to \$14,999	81 792	15 454	17 678	17 753	16 509	14 398
\$15,000 to \$19,999	154 911	29 367	33 092	33 313	30 172	28 967
\$20,000 to \$24,999	147 784	28 421	30 466	31 670	30 258	26 969
\$25,000 to \$34,999	128 991	25 926	24 375	27 028	26 141	25 521
\$35,000 to \$49,999	157 985	36 192	27 377	33 388	29 224	31 804
\$50,000 or more	79 150	21 031	11 272	16 543	13 244	17 060
Median	38 836	12 244	5 618	6 988	6 230	7 756
Mean	\$16 780	\$18 498	\$15 290	\$16 570	\$16 197	\$17 800
	\$19 836	\$22 305	\$17 963	\$19 329	\$18 776	\$20 726

Families	The State	District 1	District 2	District 3	District 4	District 5
Less than \$5,000	703 728	139 270	145 926	137 116	142 904	138 512
\$5,000 to \$7,499	43 059	6 453	10 664	8 416	9 926	7 600
\$7,500 to \$9,999	43 352	6 994	11 178	7 909	10 136	7 135
\$10,000 to \$14,999	48 300	7 482	12 201	9 236	10 634	8 747
\$15,000 to \$19,999	104 532	17 495	24 976	20 096	21 688	20 277
\$20,000 to \$24,999	111 982	19 759	25 043	21 793	24 450	20 937
\$25,000 to \$34,999	108 462	20 645	21 499	21 327	22 728	22 263
\$35,000 to \$49,999	138 991	31 194	25 019	28 120	25 923	28 735
\$50,000 or more	70 461	18 460	10 315	14 231	11 791	15 664
Median	34 589	10 788	5 031	5 988	5 628	7 154
Mean	\$20 027	\$22 669	\$17 584	\$20 234	\$18 831	\$20 949
	\$22 757	\$26 310	\$20 192	\$22 572	\$21 209	\$23 668

Unrelated individuals 15 years and over	The State	District 1	District 2	District 3	District 4	District 5
Less than \$2,000	415 437	92 686	66 980	102 135	77 434	76 202
\$2,000 to \$2,999	51 116	10 139	8 154	9 504	11 672	11 647
\$3,000 to \$4,999	34 032	6 261	6 030	7 216	7 369	7 156
\$5,000 to \$7,999	74 539	14 120	13 844	16 859	15 192	14 524
\$8,000 to \$9,999	73 760	15 447	12 961	18 491	13 909	12 952
\$10,000 to \$14,999	39 496	9 511	6 093	10 890	6 421	6 581
\$15,000 to \$24,999	66 765	16 580	9 832	18 830	10 534	10 989
\$25,000 to \$49,999	58 444	15 234	7 843	16 192	9 516	9 659
\$50,000 or more	14 673	4 471	1 812	3 635	2 456	2 299
Median	2 612	923	411	518	365	395
Mean	\$6 845	\$8 075	\$6 141	\$7 826	\$5 808	\$5 982
	\$9 119	\$10 438	\$8 353	\$9 635	\$8 268	\$8 364

Per capita income	The State	District 1	District 2	District 3	District 4	District 5
Per capita income, noninstitutional persons	\$7 557	\$8 821	\$6 690	\$7 783	\$7 000	\$7 489
	\$7 608	\$8 863	\$6 723	\$7 830	\$7 030	\$7 595

HOUSEHOLD INCOME TYPE IN 1979

With earnings	811 767	172 621	156 122	168 411	158 445	156 168
Mean earnings	\$19 933	\$22 293	\$18 004	\$19 800	\$18 726	\$20 621
With Social Security income	249 086	48 521	52 738	55 446	47 893	44 488
Mean Social Security income	\$4 280	\$4 293	\$4 221	\$4 279	\$4 313	\$4 301
With public assistance income	63 567	10 319	12 164	15 406	14 439	11 239
Mean public assistance income	\$2 541	\$2 352	\$2 503	\$2 615	\$2 573	\$2 614

**MEAN FAMILY INCOME IN 1979 BY WORKERS IN
FAMILY IN 1979**

No workers	\$11 443	\$12 962	\$10 645	\$11 056	\$10 846	\$12 192
1 worker	\$19 817	\$23 345	\$17 673	\$18 806	\$18 838	\$20 848
2 or more workers	\$27 332	\$30 609	\$24 603	\$27 632	\$25 844	\$27 696

POVERTY STATUS IN 1979**All Income Levels in 1979**

Families	The State	District 1	District 2	District 3	District 4	District 5
With related children under 18 years	703 728	139 270	145 926	137 116	142 904	138 512
With related children 5 to 17 years	369 879	72 137	76 892	69 442	75 873	75 535
Female householder, no husband present	288 253	56 760	60 399	52 375	59 404	59 315
With related children under 18 years	79 458	14 322	13 977	21 717	14 681	14 761
With related children under 6 years	58 732	10 488	10 916	14 836	11 431	11 061
Householder 65 years and over	22 463	3 584	4 340	5 942	4 304	4 293
	106 521	20 197	24 010	21 608	21 183	19 523

Unrelated individuals for whom poverty status is determined	The State	District 1	District 2	District 3	District 4	District 5
65 years and over	394 625	89 792	64 834	99 554	72 979	67 466
	94 491	19 464	18 593	25 009	15 562	15 863

Persons for whom poverty status is determined	The State	District 1	District 2	District 3	District 4	District 5
Related children under 18 years	2 573 423	517 961	517 224	516 902	516 073	505 263
Related children 5 to 17 years	703 034	135 663	149 346	128 012	144 123	145 890
60 years and over	509 044	98 898	108 423	90 367	104 870	106 486
65 years and over	404 477	79 024	86 517	89 283	77 304	72 349
	287 815	56 544	61 335	64 751	53 312	51 873

Income in 1979 Below Poverty Level

Families	The State	District 1	District 2	District 3	District 4	District 5
Percent below poverty level	54 172	7 844	13 600	10 614	12 576	9 538
With related children under 18 years	7 7	5 6	9 3	7 7	8 8	6 9
With related children 5 to 17 years	40 293	5 693	9 499	8 490	9 499	7 112
Female householder, no husband present	28 581	4 024	7 133	5 799	6 816	4 809
With related children under 18 years	22 265	3 246	4 648	5 364	5 123	3 884
With related children under 6 years	20 661	2 990	4 319	4 970	4 755	3 627
Householder 65 years and over	12 080	1 709	2 402	2 988	2 632	2 349
	5 885	828	1 882	968	1 445	1 062

Unrelated individuals for whom poverty status is determined	The State	District 1	District 2	District 3	District 4	District 5
Percent below poverty level	97 043	19 476	17 492	20 542	21 754	17 779
65 years and over	24 6	21 7	27 0	20 6	29 8	26 4
	23 939	4 481	5 175	6 151	4 134	3 998
Persons for whom poverty status is determined	The State	District 1	District 2	District 3	District 4	District 5
Percent below poverty level	274 159	44 186	62 443	55 806	62 677	49 047
Related children under 18 years	10 7	8 5	12 1	10 8	12 1	9 7
Related children 5 to 17 years	84 626	11 443	20 995	17 501	19 576	15 111
60 years and over	54 809	7 321	14 069	11 303	12 811	9 305
65 years and over	43 781	7 614	10 913	9 704	8 126	7 424
	34 031	5 980	8 391	7 781	6 071	5 808

Income in 1979 Below Specified Poverty Level

Percent of persons for whom poverty status is determined:	The State	District 1	District 2	District 3	District 4	District 5
Below 75 percent of poverty level	6 9	5 6	7 5	6 9	7 9	6 3
Below 125 percent of poverty level	14 9	12 0	17 1	14 9	16 8	13 7
Below 150 percent of poverty level	19 5	15 7	23 0	19 3	21 4	17 9
Below 200 percent of poverty level	29 4	24 1	34 7	28 7	32 1	27 3

Table 7. General, Social, and Economic Characteristics by Race and Spanish Origin: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendix 8]

The State
Congressional Districts

SEX AND AGE

Total persons	2 496 398	37 454	30 469	40 958	66 164
Male	1 226 106	19 695	15 260	19 336	35 132
Female	1 270 292	17 759	15 209	21 622	31 032
Under 5 years	183 069	4 028	2 970	3 869	9 937
5 to 14 years	365 248	7 165	6 554	7 385	14 429
15 to 59 years	1 536 399	22 790	18 902	26 828	40 139
60 to 64 years	114 704	1 141	636	909	965
65 years and over	296 978	2 330	1 307	1 967	1 694

FAMILY TYPE BY PRESENCE OF OWN CHILDREN

Families	674 700	8 620	6 836	7 941	12 792
With own children under 18 years	339 268	5 465	4 525	5 037	9 140
Married-couple families	580 403	5 010	4 978	6 559	10 193
With own children under 18 years	277 864	2 933	3 116	4 266	7 251
Female householder, no husband present	73 303	2 925	1 470	1 006	1 796
With own children under 18 years	50 864	2 180	1 170	611	1 521

YEARS OF SCHOOL COMPLETED

Persons 25 years old and over	1 514 976	18 067	14 269	21 231	27 457
Elementary (0 to 8 years)	167 697	2 753	2 422	3 592	7 927
High school:					
1 to 3 years	194 759	3 037	2 912	1 772	3 757
4 years	567 834	5 845	5 071	5 268	7 248
College:					
1 to 3 years	313 009	4 219	2 819	4 465	5 410
4 or more years	271 677	2 213	1 045	6 134	3 115

LABOR FORCE STATUS

Persons 16 years and over	1 908 132	25 608	20 194	29 087	41 437
Labor force	1 184 751	16 045	12 196	18 612	28 373
Employed	1 086 698	13 665	10 067	17 272	24 847
Unemployed	95 270	2 258	2 106	1 312	3 400
Female, 16 years and over	983 742	12 054	10 314	15 628	18 969
Labor force	491 683	6 803	5 004	8 870	10 577
Employed	454 946	5 888	4 201	8 242	9 290
Unemployed	36 615	887	803	628	1 283

INCOME AND POVERTY STATUS IN 1979

Families	674 700	8 620	6 836	7 941	12 792
Less than \$5,000	38 814	1 538	878	1 212	1 153
\$5,000 to \$7,499	40 773	942	735	375	1 211
\$7,500 to \$9,999	45 812	842	683	433	1 013
\$10,000 to \$14,999	99 700	1 392	1 164	1 064	2 494
\$15,000 to \$19,999	107 419	1 206	1 079	1 215	2 489
\$20,000 to \$24,999	104 746	1 039	904	963	1 780
\$25,000 to \$34,999	135 052	978	936	1 388	1 844
\$35,000 to \$49,999	68 597	491	369	815	600
\$50,000 or more	33 787	192	88	476	208
Median	\$20 174	\$13 159	\$14 748	\$18 346	\$15 784
Mean	\$22 966	\$16 587	\$16 541	\$21 930	\$17 543
Persons for whom poverty status is determined	2 441 437	36 175	29 326	39 376	64 221
Income in 1979 below poverty level	241 695	10 232	6 593	8 756	13 430

SEX AND AGE

Total persons	502 187	1 162	10 366	4 098	18 114
Male	249 668	704	5 138	1 800	10 194
Female	252 519	458	5 228	2 298	7 920
Under 5 years	38 717	114	1 116	370	2 759
5 to 14 years	77 924	206	2 431	870	3 945
15 to 59 years	297 152	711	6 129	2 430	10 795
60 to 64 years	25 031	55	197	178	201
65 years and over	63 363	76	493	250	414

FAMILY TYPE BY PRESENCE OF OWN CHILDREN

Families	140 744	234	2 418	787	3 409
With own children under 18 years	70 728	151	1 604	436	2 476
Married-couple families	123 291	154	1 761	644	2 815
With own children under 18 years	58 807	84	1 128	336	2 070
Female householder, no husband present	13 139	52	528	112	343
With own children under 18 years	9 625	52	401	85	301

YEARS OF SCHOOL COMPLETED

Persons 25 years old and over	304 387	536	4 601	2 298	7 227
Elementary (0 to 8 years)	36 867	148	942	363	2 887
High school:					
1 to 3 years	43 908	82	1 066	216	1 081
4 years	122 987	140	1 548	812	1 827
College:					
1 to 3 years	58 539	139	745	501	978
4 or more years	42 086	27	300	406	454

LABOR FORCE STATUS

Persons 16 years and over	376 851	807	6 584	2 841	11 038
Labor force	222 522	467	3 829	1 712	7 880
Employed	198 521	406	3 073	1 553	6 822
Unemployed	23 672	54	756	159	1 043
Female, 16 years and over	191 822	303	3 341	1 634	4 685
Labor force	88 313	123	1 598	772	2 544
Employed	79 653	112	1 282	697	2 131
Unemployed	8 630	11	316	75	413

INCOME AND POVERTY STATUS IN 1979

Families	140 744	234	2 418	787	3 409
Less than \$5,000	9 871	72	365	177	302
\$5,000 to \$7,499	10 539	28	343	56	387
\$7,500 to \$9,999	11 665	8	257	39	353
\$10,000 to \$14,999	24 037	50	420	105	649
\$15,000 to \$19,999	24 204	33	301	133	767
\$20,000 to \$24,999	20 836	27	329	86	460
\$25,000 to \$34,999	24 513	16	294	64	371
\$35,000 to \$49,999	10 146	—	82	56	103
\$50,000 or more	4 933	—	27	71	17
Median	\$17 560	\$10 612	\$12 442	\$15 459	\$15 058
Mean	\$20 364	\$11 134	\$14 948	\$21 737	\$15 712
Persons for whom poverty status is determined	493 114	1 044	10 133	4 052	17 603
Income in 1979 below poverty level	56 052	399	2 674	853	3 875

Persons of Spanish origin may be of any race.

Roe					Spanish origin¹	Roe					Spanish origin¹
White	Block	American Indian, Eskimo, and Aleut	Asian and Pacific Islander	White		Block	American Indian, Eskimo, and Aleut	Asian and Pacific Islander			
The State					District 1						
2 496 398	37 454	30 469	40 958	66 164	505 369	2 860	4 354	9 560	11 501		
1 226 106	19 695	15 260	19 336	35 132	248 951	1 820	2 239	4 574	6 053		
1 270 292	17 759	15 209	21 622	31 032	256 418	1 040	2 115	4 986	5 448		
183 069	4 028	2 970	3 869	9 937	35 226	298	305	922	1 419		
365 248	7 165	6 654	7 385	14 429	72 163	394	821	1 608	2 450		
1 536 399	22 790	18 902	26 828	40 139	317 065	2 043	2 875	6 493	7 120		
114 704	1 141	636	909	965	22 265	22	105	162	206		
296 978	2 330	1 307	1 967	1 694	58 650	103	248	375	306		
674 700	8 620	6 836	7 941	12 792	134 925	535	983	1 844	2 289		
339 268	5 465	4 525	5 037	9 140	67 369	305	614	1 160	1 503		
580 403	5 010	4 978	6 559	10 193	117 191	353	740	1 601	1 891		
277 864	2 933	3 116	4 266	7 251	55 928	217	446	1 029	1 225		
73 303	2 925	1 470	1 006	1 796	13 767	127	164	163	273		
50 864	2 180	1 170	611	1 521	9 491	67	137	94	232		
1 514 976	18 067	14 269	21 231	27 457	312 928	1 453	2 174	5 214	5 138		
167 697	2 753	2 422	3 592	7 927	29 034	139	384	517	1 388		
194 759	3 037	2 912	1 772	3 757	32 147	115	442	323	625		
567 834	5 845	5 071	5 268	7 248	107 906	379	726	1 248	1 248		
313 009	4 219	2 819	4 465	5 410	69 550	405	425	1 192	1 134		
271 677	2 213	1 045	6 134	3 115	74 291	415	197	1 934	743		
1 908 132	25 608	20 194	29 087	41 437	390 119	2 159	3 147	6 880	7 385		
1 184 751	16 045	12 196	18 612	28 373	256 222	1 580	1 951	4 706	5 263		
1 086 698	13 665	10 067	17 272	24 847	239 786	1 366	1 657	4 465	4 743		
95 270	2 258	2 106	1 312	3 400	15 445	176	289	225	490		
983 742	12 054	10 314	15 628	18 969	200 178	728	1 507	3 587	3 460		
491 683	6 803	5 004	8 870	10 577	108 477	495	731	2 154	2 043		
454 946	5 888	4 201	8 242	9 290	102 199	443	643	2 036	1 853		
36 615	887	803	628	1 283	6 238	45	88	118	190		
674 700	8 620	6 836	7 941	12 792	134 925	535	983	1 844	2 289		
38 814	1 538	878	1 212	1 153	6 018	61	99	164	202		
40 773	942	735	375	1 211	6 699	50	61	109	155		
45 812	842	683	433	1 013	7 265	23	93	63	134		
99 700	1 392	1 164	1 064	2 494	16 748	73	195	220	441		
107 419	1 206	1 079	1 215	2 489	18 972	103	176	311	447		
104 746	1 039	904	963	1 780	20 074	83	120	238	287		
135 052	978	936	1 388	1 844	30 567	66	123	331	394		
68 597	491	369	815	600	18 013	40	108	259	150		
33 787	192	88	476	208	10 569	36	8	149	79		
\$20 174	\$13 159	\$14 748	\$18 346	\$15 784	\$22 611	\$17 526	\$15 946	\$20 948	\$16 957		
\$22 966	\$16 587	\$16 541	\$21 930	\$17 543	\$26 470	\$21 795	\$18 190	\$25 231	\$19 476		
2 441 437	36 175	29 326	39 376	64 221	497 235	2 750	4 196	9 258	11 224		
241 695	10 232	6 593	8 756	13 430	40 226	638	713	1 615	2 088		
District 2					District 3						
502 187	1 162	10 366	4 098	18 114	474 322	28 908	4 767	15 344	10 279		
249 668	704	5 138	1 800	10 194	225 921	14 241	2 401	7 463	5 134		
252 519	458	5 228	2 298	7 920	248 401	14 667	2 366	7 881	5 145		
38 717	114	1 116	370	2 759	33 026	3 074	516	1 479	1 315		
77 924	206	2 431	870	3 945	59 718	5 742	957	2 805	2 112		
297 152	711	6 129	2 430	10 795	293 282	17 001	2 985	9 824	6 348		
25 031	55	197	178	201	23 091	1 037	142	420	154		
63 363	76	493	250	414	65 205	2 054	167	816	350		
140 744	234	2 418	787	3 409	125 286	6 980	982	3 201	2 018		
70 728	151	1 604	436	2 476	59 060	4 406	680	2 082	1 332		
123 291	154	1 761	644	2 815	102 564	3 841	650	2 629	1 424		
58 807	84	1 128	336	2 070	45 728	2 175	402	1 803	905		
13 139	52	528	112	343	18 201	2 623	269	433	425		
9 625	52	401	85	301	11 282	1 944	231	227	240		
304 387	536	4 601	2 298	7 227	299 234	14 113	2 284	7 972	4 449		
36 867	148	942	363	2 887	32 003	2 321	322	1 855	733		
43 908	82	1 066	216	1 081	39 161	2 638	392	701	641		
122 987	140	1 548	812	1 827	111 784	4 846	829	1 998	1 484		
58 539	139	745	501	978	64 678	3 049	560	1 635	1 012		
42 086	27	300	406	454	51 608	1 259	181	1 783	579		
376 851	807	6 584	2 841	11 038	375 098	19 550	3 214	10 785	6 645		
222 522	467	3 829	1 712	7 880	241 578	12 131	2 051	7 186	4 795		
198 521	406	3 073	1 553	6 822	226 345	10 302	1 700	6 715	4 309		
23 672	54	756	159	1 043	14 665	1 765	336	465	454		
191 822	303	3 341	1 634	4 685	199 782	10 588	1 692	5 696	3 308		
88 313	123	1 598	772	2 544	106 058	5 577	869	3 398	2 034		
79 653	112	1 282	697	2 131	100 335	4 842	734	3 220	1 910		
8 630	11	316	75	413	5 694	722	135	178	124		
140 744	234	2 418	787	3 409	125 286	6 980	982	3 201	2 018		
9 871	72	365	177	302	6 402	1 331	139	463	167		
10 539	28	343	56	387	6 846	784	120	95	190		
11 665	8	257	39	353	8 140	717	73	214	169		
24 037	50	420	105	649	18 275	1 132	154	388	374		
24 204	33	301	133	767	20 053	921	183	537	371		
20 836	27	329	86	460	20 001	802	99	365	313		
24 513	16	294	64	371	26 466	805	146	628	289		
10 146	—	82	56	103	13 398	364	68	360	89		
4 933	—	27	71	17	5 705	124	—	151	56		
\$17 560	\$10 612	\$12 442	\$15 459	\$15 058	\$20 568	\$12 458	\$15 095	\$18 862	\$16 139		
\$20 364	\$11 134	\$14 948	\$21 737	\$15 712	\$23 044	\$16 000	\$16 262	\$21 682	\$18 447		
493 114	1 044	10 133	4 052	17 603	465 341	28 398	4 652	15 171	9 985		
56 052	399	2 674	853	3 875	42 115	8 335	1 039	3 555	1 761		

Table 7. General, Social, and Economic Characteristics by Race and Spanish Origin: 1980—Con.

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendix B]

The State
Congressional Districts

	Race					Race				
	White	Black	American Indian, Eskimo, and Aleut	Asian and Pacific Islander	Spanish origin ¹	White	Black	American Indian, Eskimo, and Aleut	Asian and Pacific Islander	Spanish origin ¹
District 4						District 5				
SEX AND AGE										
Total persons	509 746	1 711	6 410	5 066	10 385	504 774	2 813	4 572	6 890	15 885
Male	252 869	1 102	3 255	2 190	5 549	248 697	1 828	2 227	3 309	8 202
Female	256 877	609	3 155	2 876	4 836	256 077	985	2 345	3 581	7 683
Under 5 years	38 518	230	597	426	1 153	37 582	312	436	672	2 291
5 to 14 years	77 110	332	1 516	868	2 468	78 333	491	929	1 234	3 454
15 to 59 years	314 791	1 121	3 959	3 549	6 345	314 109	1 914	2 954	4 532	9 531
60 to 64 years	23 897	7	107	69	172	20 420	20	85	80	232
65 years and over	55 430	21	231	154	247	54 330	76	168	372	377
FAMILY TYPE BY PRESENCE OF OWN CHILDREN										
Families	139 624	335	1 461	819	1 903	134 121	536	992	1 290	3 173
With own children under 18 years	71 398	229	973	575	1 419	70 713	374	654	784	2 410
Married-couple families	121 277	255	1 117	664	1 477	116 080	407	710	1 021	2 586
With own children under 18 years	58 733	189	707	480	1 067	58 668	268	433	618	1 984
Female householder, no husband present	14 143	40	255	124	362	14 053	83	254	174	393
With own children under 18 years	10 478	40	203	83	311	9 988	77	198	122	337
YEARS OF SCHOOL COMPLETED										
Persons 25 years old and over	303 936	703	3 101	2 333	4 237	294 491	1 262	2 109	3 414	6 406
Elementary (0 to 8 years)	36 777	33	458	383	646	33 016	112	316	474	2 273
High school: 1 to 3 years	44 611	64	624	245	704	34 932	138	388	287	706
4 years	115 101	111	1 168	471	1 113	110 056	369	800	739	1 576
College: 1 to 3 years	59 503	302	597	439	1 148	60 739	324	492	698	1 138
4 or more years	47 944	193	254	795	626	55 748	319	113	1 216	713
LABOR FORCE STATUS										
Persons 16 years and over	385 649	1 128	4 150	3 668	6 530	380 415	1 964	3 099	4 913	9 839
Labor force	230 455	759	2 491	2 098	3 944	233 974	1 108	1 874	2 910	6 491
Employed	205 093	671	2 088	1 831	3 322	216 953	920	1 549	2 708	5 651
Unemployed	24 777	81	400	261	577	16 711	182	325	202	836
Female, 16 years and over	196 790	339	2 200	2 112	3 045	195 170	626	1 574	2 599	4 471
Labor force	91 314	221	996	1 099	1 640	97 521	387	810	1 447	2 316
Employed	82 088	189	822	948	1 387	90 671	302	720	1 341	2 009
Unemployed	9 215	30	174	151	253	6 838	79	90	106	303
INCOME AND POVERTY STATUS IN 1979										
Families	139 624	335	1 461	819	1 903	134 121	536	992	1 290	3 173
Less than \$5,000	9 449	12	174	212	188	7 074	62	101	196	294
\$5,000 to \$7,499	9 873	28	127	26	220	6 816	52	84	89	259
\$7,500 to \$9,999	10 313	34	167	69	116	8 429	60	93	48	241
\$10,000 to \$14,999	21 235	58	195	91	400	19 405	79	200	260	630
\$15,000 to \$19,999	23 918	75	231	123	305	20 272	74	188	111	599
\$20,000 to \$24,999	22 230	56	229	85	281	21 605	71	127	189	439
\$25,000 to \$34,999	25 432	31	248	133	299	28 074	60	125	232	491
\$35,000 to \$49,999	11 630	26	53	54	78	15 410	61	58	86	180
\$50,000 or more	5 544	15	37	26	16	7 036	17	16	79	40
Median	\$18 690	\$16 911	\$16 159	\$15 350	\$15 333	\$20 934	\$15 796	\$15 342	\$17 058	\$16 038
Mean	\$21 295	\$20 625	\$17 571	\$17 318	\$17 114	\$23 841	\$18 890	\$17 548	\$20 871	\$17 799
Persons for whom poverty status is determined	500 042	1 648	6 227	4 671	10 164	485 705	2 335	4 118	6 224	15 245
Income in 1979 below poverty level	58 486	314	1 282	1 393	2 537	44 816	546	885	1 340	3 169

¹Persons of Spanish origin may be of any race.

Table 8. General Housing Characteristics: 1980

(Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendix B)

**The State
Congressional Districts**

	The State	District 1	District 2	District 3	District 4	District 5
Total housing units	1 083 285	232 553	221 395	220 607	208 825	199 905
Vacant seasonal and migratory	11 672	1 840	6 815	91	1 393	1 533
Year-round housing units	1 071 613	230 713	214 580	220 516	207 432	198 372
TENURE AND VACANCY STATUS						
Owner-occupied housing units	645 952	127 832	134 768	126 514	130 412	126 426
Percent of occupied housing units	65.1	61.9	69.5	60.3	67.1	67.6
Renter-occupied housing units	345 641	78 590	59 054	83 450	64 026	60 521
Vacant housing units	80 020	24 291	20 758	10 552	12 994	11 425
For sale only	12 941	3 046	2 597	2 315	2 152	2 831
For rent	27 974	6 562	6 512	4 691	5 460	4 749
Held for occasional use	18 537	9 895	5 275	448	1 771	1 148
Other vacants	20 568	4 788	6 374	3 098	3 611	2 697
YEAR HOUSEHOLDER MOVED INTO UNIT						
Owner-occupied housing units	645 952	127 832	134 768	126 514	130 412	126 426
1979 to March 1980	99 789	20 348	23 693	14 579	21 236	19 933
1975 to 1978	208 856	42 891	45 022	33 531	43 153	44 259
1970 to 1974	119 056	23 649	26 040	20 118	24 768	24 481
1960 to 1969	115 148	23 007	20 879	25 805	23 484	21 973
1950 to 1959	60 067	10 424	10 631	18 018	11 338	9 656
1949 or earlier	43 036	7 513	8 503	14 463	6 433	6 124
Renter-occupied housing units	345 641	78 590	59 054	83 450	64 026	60 521
1979 to March 1980	195 490	44 530	34 363	41 935	38 725	35 937
1975 to 1978	101 617	23 421	16 137	26 919	17 846	17 294
1970 to 1974	27 829	6 173	4 710	8 338	4 199	4 409
1960 to 1969	14 108	3 013	2 368	4 491	2 255	1 981
1959 or earlier	6 597	1 453	1 476	1 767	1 001	900
BATHROOMS						
Year-round housing units	1 071 613	230 713	214 580	220 516	207 432	198 372
No bathroom or only a half bath	24 945	7 648	6 880	2 807	4 655	2 955
1 complete bathroom	630 010	122 518	128 255	148 886	126 778	103 573
1 complete bathroom plus half bath(s)	133 818	27 379	22 055	27 854	26 840	29 690
2 or more complete bathrooms	282 840	73 168	57 390	40 969	49 159	62 154
Owner-occupied housing units	645 952	127 832	134 768	126 514	130 412	126 426
No bathroom or only a half bath	6 249	1 117	2 069	666	1 630	767
1 complete bathroom	299 236	47 472	66 822	70 117	66 079	48 746
1 complete bathroom plus half bath(s)	97 167	18 525	16 783	20 522	19 485	21 852
2 or more complete bathrooms	243 300	60 718	49 094	35 209	43 218	55 061
Renter-occupied housing units	345 641	78 590	59 054	83 450	64 026	60 521
No bathroom or only a half bath	11 770	4 416	2 024	1 741	2 108	1 481
1 complete bathroom	279 215	59 919	48 348	71 317	51 919	47 712
1 complete bathroom plus half bath(s)	29 298	6 564	3 929	6 231	6 074	6 500
2 or more complete bathrooms	25 358	7 691	4 753	4 161	3 925	4 828
Year-round housing units	1 071 613	230 713	214 580	220 516	207 432	198 372
KITCHEN FACILITIES						
Complete kitchen facilities	1 052 333	224 381	209 628	218 253	204 294	195 777
No complete kitchen facilities	19 280	6 332	4 952	2 263	3 138	2 595
SOURCE OF WATER						
Public system or private company	867 896	201 857	146 665	218 252	148 656	152 466
Individual drilled well	163 299	18 602	56 856	1 730	44 865	41 246
Individual dug well	15 108	3 456	4 204	206	5 011	2 231
Some other source	25 310	6 798	6 855	328	8 900	2 429
SEWAGE DISPOSAL						
Public sewer	735 626	175 241	125 975	170 451	123 996	139 963
Septic tank or cesspool	326 213	53 342	85 046	49 472	81 273	57 080
Other means	9 774	2 130	3 559	593	2 163	1 329
AIR CONDITIONING						
None	869 818	199 939	138 307	185 183	178 924	167 465
Central system	85 188	14 790	31 569	11 592	11 094	16 143
1 or more individual room units	116 607	15 984	44 704	23 741	17 414	14 764
HEATING EQUIPMENT						
Steam or hot water system	35 396	15 775	4 227	8 899	3 051	3 444
Central warm-air furnace	400 755	90 673	58 431	116 862	46 985	87 804
Electric heat pump	44 746	8 931	11 754	6 091	7 483	10 487
Other built-in electric units	317 173	71 846	48 703	56 753	85 343	54 528
Floor, wall, or pipeless furnace	30 901	4 989	7 585	5 794	7 389	5 144
Room heaters with flue	75 395	11 408	23 879	14 443	13 728	11 937
Room heaters without flue	16 877	2 718	5 694	3 201	2 676	2 588
Fireplaces, stoves, or portable room heaters	148 493	23 914	53 668	8 208	40 512	22 191
None	1 877	459	639	265	265	249
Occupied housing units	991 593	206 422	193 822	209 964	194 438	186 947
TELEPHONE IN HOUSING UNIT						
With telephone	926 855	192 379	176 753	199 616	181 335	176 772
No telephone	64 738	14 043	17 069	10 348	13 103	10 175
VEHICLES AVAILABLE						
None	88 554	21 180	12 182	28 162	14 108	12 922
1	328 019	68 866	56 847	82 832	59 365	60 109
2	348 884	72 679	76 321	63 752	69 165	66 967
3 or more	226 136	43 697	48 472	35 218	51 800	46 949

Table 9. **Structural Characteristics of Housing Units: 1980**

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendix B]

**The State
Congressional Districts**

UNITS IN STRUCTURE

	The State	District 1	District 2	District 3	District 4	District 5
Year-round housing units	1 071 613	230 713	214 580	220 516	207 432	198 372
1, detached	711 856	143 963	142 485	149 888	138 158	137 362
1, attached	30 939	6 336	3 536	7 527	6 699	6 841
2	39 156	7 146	7 786	9 507	8 289	6 428
3 and 4	37 536	8 339	6 550	9 335	6 018	7 294
5 or more	162 300	51 494	20 719	40 372	24 391	25 324
Mobile home or trailer, etc	89 826	13 435	33 504	3 887	23 877	15 123

Owner-occupied housing units	645 952	127 832	134 768	126 514	130 412	126 426
1, detached	547 831	110 042	104 197	116 873	106 954	109 765
1, attached	8 094	2 592	911	2 031	1 140	1 420
2	7 278	1 379	1 775	1 567	1 589	968
3 and 4	4 331	1 115	952	726	812	726
5 or more	10 416	3 172	2 082	2 156	1 622	1 384
Mobile home or trailer, etc	68 002	9 532	24 851	3 161	18 295	12 163

Renter-occupied housing units	345 641	78 590	59 054	83 450	64 026	60 521
1, detached	121 377	21 010	26 769	27 131	24 957	21 510
1, attached	20 459	3 156	2 421	4 936	5 075	4 871
2	28 125	4 991	4 847	7 313	6 048	4 926
3 and 4	29 198	6 228	4 611	7 966	4 542	5 851
5 or more	133 393	41 535	15 235	35 550	19 754	21 319
Mobile home or trailer, etc	13 089	1 670	5 171	554	3 650	2 044

YEAR STRUCTURE BUILT

Year-round housing units	1 071 613	230 713	214 580	220 516	207 432	198 372
1979 to March 1980	53 672	14 925	12 782	4 890	10 167	10 908
1975 to 1978	155 709	36 402	35 068	16 073	32 225	35 941
1970 to 1974	157 278	34 977	32 420	21 599	32 207	36 075
1960 to 1969	198 933	44 013	33 897	36 921	42 941	41 161
1950 to 1959	155 838	28 633	28 861	36 910	35 871	25 563
1940 to 1949	129 733	24 346	25 597	33 209	27 058	19 523
1939 or earlier	220 450	47 417	45 955	70 914	26 963	29 201

Owner-occupied housing units	645 952	127 832	134 768	126 514	130 412	126 426
1979 to March 1980	28 784	6 899	7 928	1 949	6 100	5 908
1975 to 1978	97 388	22 154	23 528	7 843	20 768	23 095
1970 to 1974	92 998	19 940	21 525	8 431	20 000	23 102
1960 to 1969	118 482	24 924	22 793	18 006	26 352	26 407
1950 to 1959	100 086	17 606	18 293	23 514	23 624	17 049
1940 to 1949	76 169	13 575	14 309	19 366	17 012	11 907
1939 or earlier	132 045	22 734	26 392	47 405	16 556	18 958

Renter-occupied housing units	345 641	78 590	59 054	83 450	64 026	60 521
1979 to March 1980	13 168	4 149	2 231	1 712	2 341	2 735
1975 to 1978	46 002	10 520	7 785	7 419	9 325	10 953
1970 to 1974	54 356	12 036	8 304	12 192	10 366	11 458
1960 to 1969	68 699	15 695	8 451	17 496	14 233	12 824
1950 to 1959	45 943	8 290	7 967	12 078	10 408	7 200
1940 to 1949	44 861	8 450	8 984	12 269	8 541	6 617
1939 or earlier	72 612	19 450	15 332	20 284	8 812	8 734

BEDROOMS

Year-round housing units	1 071 613	230 713	214 580	220 516	207 432	198 372
None	28 477	10 924	5 102	4 648	4 833	2 970
1	146 211	34 845	28 519	34 086	26 575	22 186
2	372 302	73 724	80 435	80 210	74 089	63 844
3	387 524	76 797	78 258	71 582	79 807	81 080
4	110 588	27 138	18 017	24 121	18 250	23 062
5 or more	26 511	7 285	4 249	5 869	3 878	5 230

Owner-occupied housing units	645 952	127 832	134 768	126 514	130 412	126 426
None	3 216	530	1 087	420	814	365
1	32 423	5 923	8 350	6 675	6 918	4 557
2	187 336	32 480	45 658	37 811	40 144	31 243
3	305 364	58 944	61 418	55 580	63 768	65 654
4	94 755	23 502	14 803	20 969	15 499	19 982
5 or more	22 858	6 453	3 452	5 059	3 269	4 625

Renter-occupied housing units	345 641	78 590	59 054	83 450	64 026	60 521
None	20 042	8 290	2 482	3 792	3 274	2 204
1	95 698	23 154	15 301	25 187	16 664	15 392
2	152 500	31 558	26 469	37 895	28 600	27 978
3	62 888	12 738	11 881	13 361	12 861	12 047
4	11 627	2 312	2 271	2 510	2 137	2 397
5 or more	2 886	538	650	705	490	503

Year-round housing units	1 071 613	230 713	214 580	220 516	207 432	198 372
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STORIES IN STRUCTURE

1 to 3	1 053 126	218 647	213 836	217 220	205 967	197 456
4 to 6	10 139	6 892	383	1 549	609	706
7 to 12	4 367	2 442	361	848	506	210
13 or more	3 981	2 732	—	899	350	—

PASSENGER ELEVATOR

Structures with 4 or more stories	18 487	12 066	744	3 296	1 465	916
With elevator	15 735	10 348	492	2 775	1 304	816
No elevator	2 752	1 718	252	521	161	100

Table 10. **Fuels and Financial Characteristics of Housing Units: 1980**

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendix 8]

**The State
Congressional Districts**

	The State	District 1	District 2	District 3	District 4	District 5
Occupied housing units -----	991 593	206 422	193 822	209 964	194 438	186 947
HOUSE HEATING FUEL						
Utility gas -----	223 456	53 469	35 048	61 024	21 699	52 216
Bottled, tank, or LP gas -----	18 818	2 550	7 907	1 264	5 025	2 072
Electricity -----	434 500	91 869	78 335	67 712	111 477	85 107
Fuel oil, kerosene, etc. -----	186 438	39 190	26 070	72 661	20 331	28 186
Coal or cake -----	726	52	466	98	53	57
Wood -----	123 789	18 216	44 949	6 562	35 144	18 918
Other fuel -----	3 060	905	836	471	578	270
No fuel used -----	806	171	211	172	131	121
WATER HEATING FUEL						
Utility gas -----	122 770	28 294	21 240	33 898	12 440	26 898
Bottled, tank, or LP gas -----	16 165	1 907	7 080	1 252	4 418	1 508
Electricity -----	831 469	167 527	162 773	169 219	175 135	156 815
Fuel oil, kerosene, etc. -----	15 020	7 242	679	5 165	894	1 040
Other -----	3 669	860	1 087	252	1 107	363
No fuel used -----	2 500	592	963	178	444	323
COOKING FUEL						
Utility gas -----	49 064	9 436	11 701	15 085	6 156	6 686
Bottled, tank, or LP gas -----	23 666	2 604	10 305	934	7 635	2 188
Electricity -----	911 994	191 994	169 918	193 254	179 136	177 194
Other -----	4 712	912	1 464	494	1 186	656
No fuel used -----	2 655	1 476	434	197	325	223
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS						
Specified owner-occupied housing units -----	487 216	97 402	88 632	112 492	91 794	96 896
With a mortgage -----	332 461	69 245	56 034	73 200	62 584	71 398
Less than \$100 -----	1 145	162	314	165	294	210
\$100 to \$149 -----	4 357	630	1 356	734	1 145	492
\$150 to \$199 -----	19 179	2 312	5 210	3 557	5 527	2 573
\$200 to \$249 -----	36 145	5 324	7 678	8 232	8 574	6 337
\$250 to \$299 -----	42 963	7 202	8 114	10 923	8 261	8 463
\$300 to \$349 -----	44 386	7 863	7 833	9 870	8 445	9 775
\$350 to \$399 -----	43 842	8 501	7 739	9 856	7 834	9 912
\$400 to \$449 -----	37 026	8 184	5 400	8 168	6 302	8 972
\$450 to \$499 -----	28 274	6 702	3 943	5 945	4 919	6 765
\$500 to \$599 -----	35 063	9 245	4 690	7 402	5 331	8 395
\$600 to \$749 -----	24 217	7 255	2 451	4 969	3 732	5 810
\$750 or more -----	15 864	5 865	1 306	2 779	2 220	3 694
Median -----	\$371	\$416	\$334	\$363	\$344	\$390
Not mortgaged -----	154 755	28 157	32 598	39 292	29 210	25 498
Less than \$50 -----	2 633	479	992	148	819	195
\$50 to \$74 -----	11 905	2 142	4 217	746	3 602	1 198
\$75 to \$99 -----	27 941	4 819	8 447	3 757	7 543	3 375
\$100 to \$149 -----	64 621	10 524	13 407	17 327	12 187	11 176
\$150 to \$199 -----	32 676	5 900	4 260	12 277	3 668	6 571
\$200 to \$249 -----	9 680	2 404	854	3 403	998	2 021
\$250 or more -----	5 299	1 889	421	1 634	393	962
Median -----	\$127	\$132	\$110	\$143	\$111	\$136
GROSS RENT						
Specified renter-occupied housing units -----	329 447	75 577	53 919	82 343	60 291	57 317
Less than \$60 -----	4 825	1 187	722	1 096	867	953
\$60 to \$79 -----	5 691	1 440	1 147	1 115	944	1 045
\$80 to \$99 -----	6 297	1 965	1 215	1 068	1 140	909
\$100 to \$119 -----	8 230	2 103	1 785	1 159	1 939	1 244
\$120 to \$149 -----	15 526	3 433	3 932	2 116	3 905	2 140
\$150 to \$169 -----	14 526	3 210	3 657	2 666	3 013	1 980
\$170 to \$199 -----	28 326	6 388	5 273	6 061	5 564	5 040
\$200 to \$249 -----	66 227	12 183	10 947	17 329	12 806	12 962
\$250 to \$299 -----	65 228	14 561	9 020	18 942	10 582	12 123
\$300 to \$349 -----	44 424	10 875	6 102	12 293	7 535	7 619
\$350 to \$399 -----	25 258	6 207	2 843	7 216	4 868	4 124
\$400 to \$499 -----	23 311	6 159	2 515	6 855	3 834	3 948
\$500 or more -----	9 358	3 558	747	2 598	964	1 491
No cash rent -----	12 220	2 308	4 014	1 829	2 330	1 739
Median -----	\$257	\$266	\$233	\$270	\$245	\$256

Table 11. Characteristics of Housing Units With Householder of Specified Race and Spanish Origin: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendix B]

**The State
Congressional Districts**

TENURE

Occupied housing units	950 980	12 978	9 106	11 539	16 722
Owner-occupied housing units	628 177	5 362	4 303	5 636	7 079
Percent of occupied housing units	66.1	41.3	47.3	48.8	42.3
Renter-occupied housing units	322 803	7 616	4 803	5 903	9 643

**MORTGAGE STATUS AND SELECTED MONTHLY
OWNER COSTS**

Specified owner-occupied housing units	473 096	4 843	2 877	4 501	5 448
With a mortgage	321 845	3 592	2 087	3 453	4 308
Less than \$200	23 908	309	249	85	341
\$200 to \$299	76 479	876	654	689	1 012
\$300 to \$399	85 532	1 065	495	759	1 119
\$400 to \$499	63 346	666	399	665	843
\$500 or more	72 580	676	290	1 255	993
Median	\$371	\$357	\$328	\$429	\$372
Not mortgaged	151 251	1 251	790	1 048	1 140

GROSS RENT

Specified renter-occupied housing units	307 287	7 511	4 610	5 803	9 053
Less than \$100	15 350	751	238	298	472
\$100 to \$199	61 776	1 705	1 036	1 238	1 921
\$200 to \$299	122 404	2 712	1 824	2 677	3 576
\$300 or more	96 318	2 251	1 299	1 410	2 622
No cash rent	11 439	92	213	180	462
Median	\$258	\$246	\$251	\$248	\$253

TENURE

Occupied housing units	187 415	382	2 845	1 109	4 265
Owner-occupied housing units	131 698	181	1 475	659	1 876
Percent of occupied housing units	70.3	47.4	51.8	59.4	44.0
Renter-occupied housing units	55 717	201	1 370	450	2 389

**MORTGAGE STATUS AND SELECTED MONTHLY
OWNER COSTS**

Specified owner-occupied housing units	86 806	139	802	376	1 206
With a mortgage	54 808	77	502	286	841
Less than \$200	6 662	13	119	4	149
\$200 to \$299	15 307	47	197	101	255
\$300 to \$399	15 297	10	98	87	220
\$400 to \$499	9 218	7	47	47	109
\$500 or more	8 324	—	41	47	108
Median	\$336	\$254	\$267	\$344	\$307
Not mortgaged	31 998	62	300	90	365

GROSS RENT

Specified renter-occupied housing units	50 853	193	1 316	420	2 035
Less than \$100	2 928	8	81	35	114
\$100 to \$199	13 800	67	412	97	537
\$200 to \$299	18 783	75	440	201	806
\$300 or more	11 738	31	245	38	287
No cash rent	3 604	12	138	49	291
Median	\$237	\$221	\$222	\$227	\$227

TENURE

Occupied housing units	189 655	593	1 988	1 402	2 590
Owner-occupied housing units	128 184	181	1 075	590	1 257
Percent of occupied housing units	67.6	30.5	54.1	42.1	48.5
Renter-occupied housing units	61 471	412	913	812	1 333

**MORTGAGE STATUS AND SELECTED MONTHLY
OWNER COSTS**

Specified owner-occupied housing units	90 255	139	712	432	905
With a mortgage	61 377	120	529	334	776
Less than \$200	6 898	14	49	—	53
\$200 to \$299	16 498	20	199	69	174
\$300 to \$399	15 991	33	105	107	215
\$400 to \$499	10 974	10	134	75	126
\$500 or more	11 016	43	42	83	208
Median	\$346	\$379	\$316	\$392	\$375
Not mortgaged	28 878	19	183	98	129

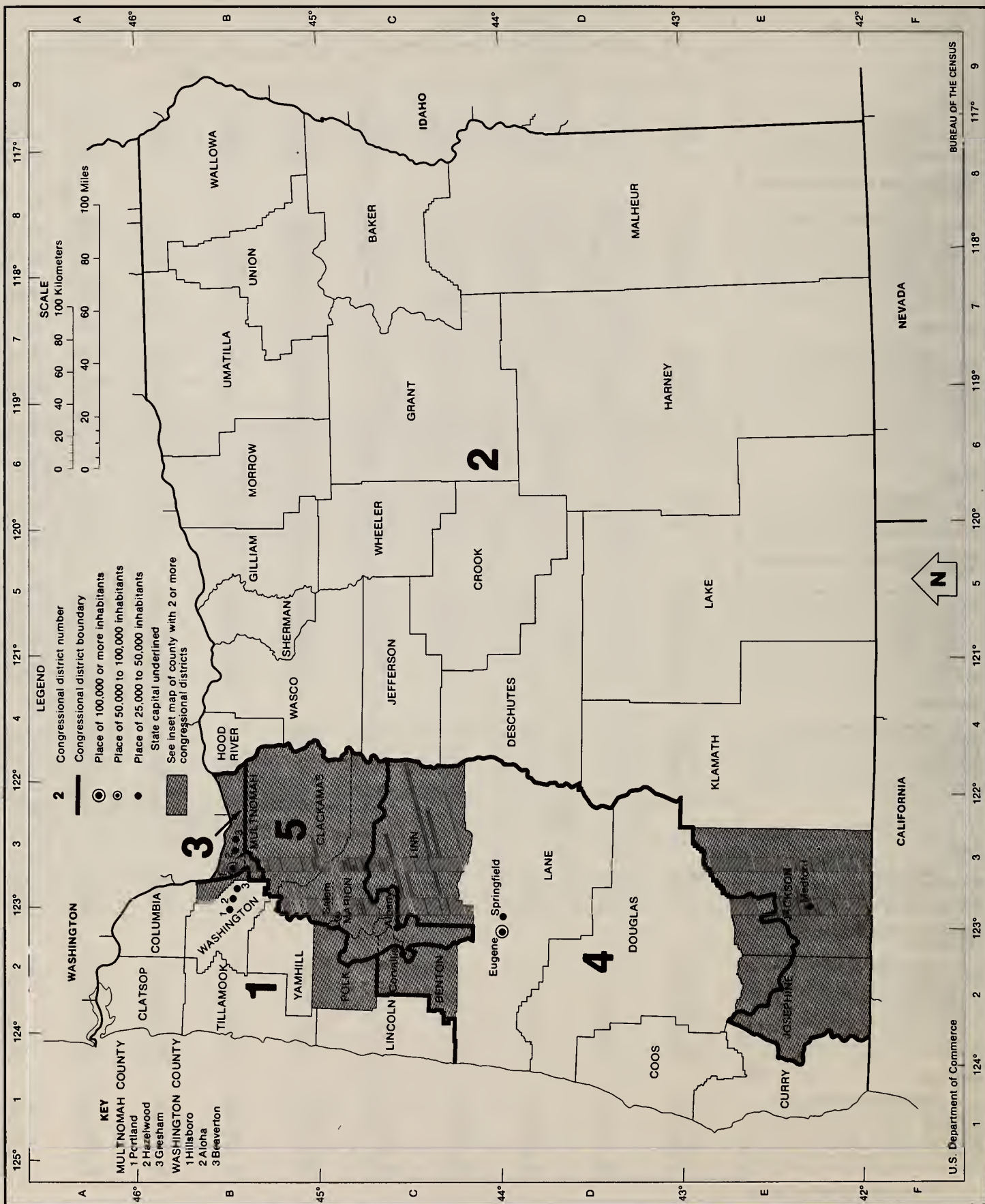
GROSS RENT

Specified renter-occupied housing units	57 832	401	854	792	1 290
Less than \$100	2 845	17	48	29	56
\$100 to \$199	13 763	98	131	347	279
\$200 to \$299	22 343	186	384	305	550
\$300 or more	16 622	96	255	91	378
No cash rent	2 259	4	36	20	27
Median	\$250	\$245	\$260	\$203	\$254

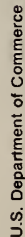
	Race				Spanish origin ¹
	White	Black	American Indian, Eskima, and Aleut	Asian and Pacific Islander	
Spanish origin ¹					
District 1					
16 722 7 079 42.3 9 643	199 287 125 306 62.9 73 981	1 219 259 21.2 960	1 508 577 38.3 931	3 081 1 371 44.5 1 710	3 140 1 113 35.4 2 027
5 448 4 308 341 1 012 1 119 843 993 \$372 1 140	95 465 67 588 3 070 12 259 16 046 14 583 21 630 \$417 27 877	215 203 — 25 37 51 90 \$477 12	377 273 20 85 67 39 62 \$347 104	1 083 975 14 119 149 164 529 \$500+ 108	935 710 20 136 175 159 220 \$415 225
9 053 472 1 921 3 576 2 422 462 \$253	71 066 4 160 14 081 25 157 25 458 2 210 \$264	956 137 312 242 262 3 21 \$211	897 66 221 343 246 21 21 \$244	1 692 125 350 637 525 55 33 \$254	1 943 190 391 671 658 33 \$256
District 3					
4 265 1 876 44.0 2 389	193 424 119 063 61.6 74 361	9 972 4 447 44.6 5 525	1 503 528 35.1 975	4 095 2 154 52.6 1 941	2 866 1 174 41.0 1 692
1 206 841 149 255 220 109 108 \$307 365	105 713 68 400 4 080 17 967 18 937 13 195 14 221 \$364 37 313	4 095 2 953 282 748 921 557 445 \$348 1 142	471 352 31 83 95 61 82 \$365 119	1 921 1 292 36 291 337 258 370 \$395 629	1 072 875 50 216 213 240 156 \$381 197
2 035 114 537 806 287 291 \$227	73 387 2 647 10 398 32 610 26 022 1 710 \$270	5 448 577 1 126 1 972 1 700 73 \$250	940 14 204 307 402 13 \$280	1 924 33 197 1 034 630 30 \$269	1 665 36 276 671 657 25 \$276
District 5					
2 590 1 257 48.5 1 333	181 199 123 926 68.4 57 273	812 294 36.2 518	1 262 648 51.3 614	1 852 862 46.5 990	3 861 1 659 43.0 2 202
905 776 53 174 215 126 208 \$375 129	94 857 69 672 3 198 14 448 19 261 15 376 17 389 \$389 25 185	255 239 — 36 64 41 98 \$448 16	515 431 30 90 130 118 63 \$373 84	689 566 31 109 79 121 226 \$453 123	1 330 1 106 69 231 296 209 301 \$385 224
1 290 56 279 550 378 27 \$254	54 149 2 770 9 734 23 511 16 478 1 656 \$258	513 12 102 237 162 — \$260	603 29 68 350 151 5 \$258	975 76 247 500 126 26 \$230	2 120 76 438 878 642 86 \$257

¹Persons of Spanish origin may be of any race.

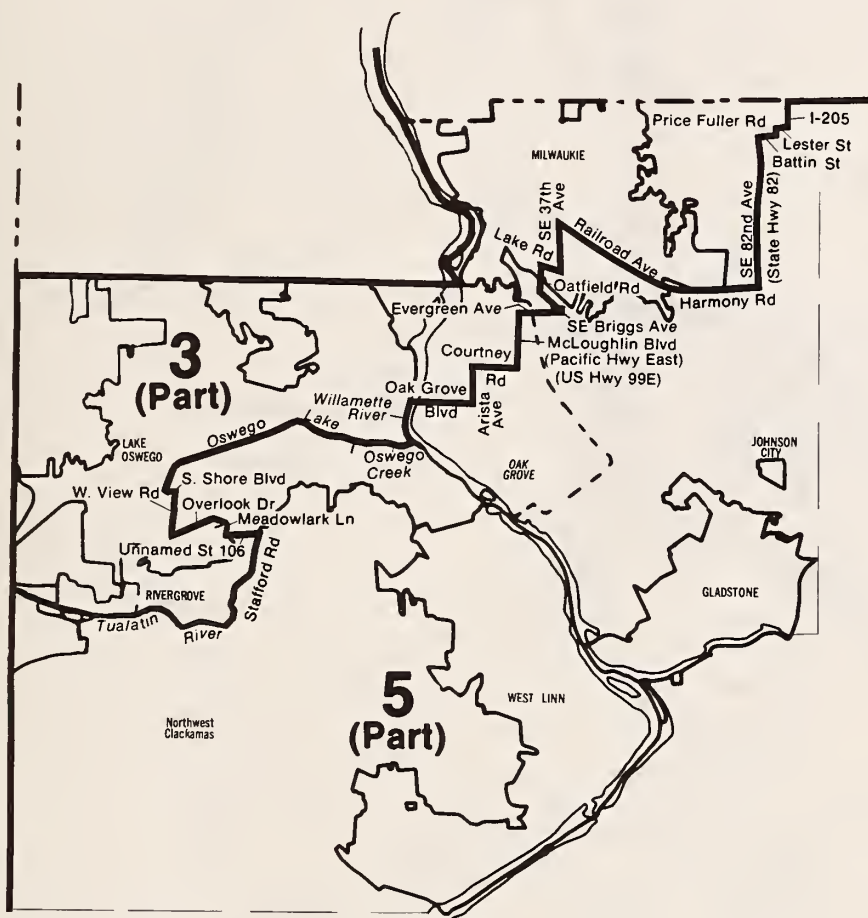
Congressional Districts, Counties, and Selected Places







INSET — CLACKAMAS COUNTY



LEGEND

2

Congressional district number

— Congressional district boundary

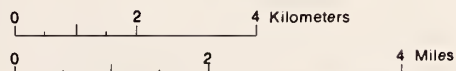
--- County boundary

— Incorporated place boundary

----- Census designated place boundary

~~~~~ Major water feature

SCALE



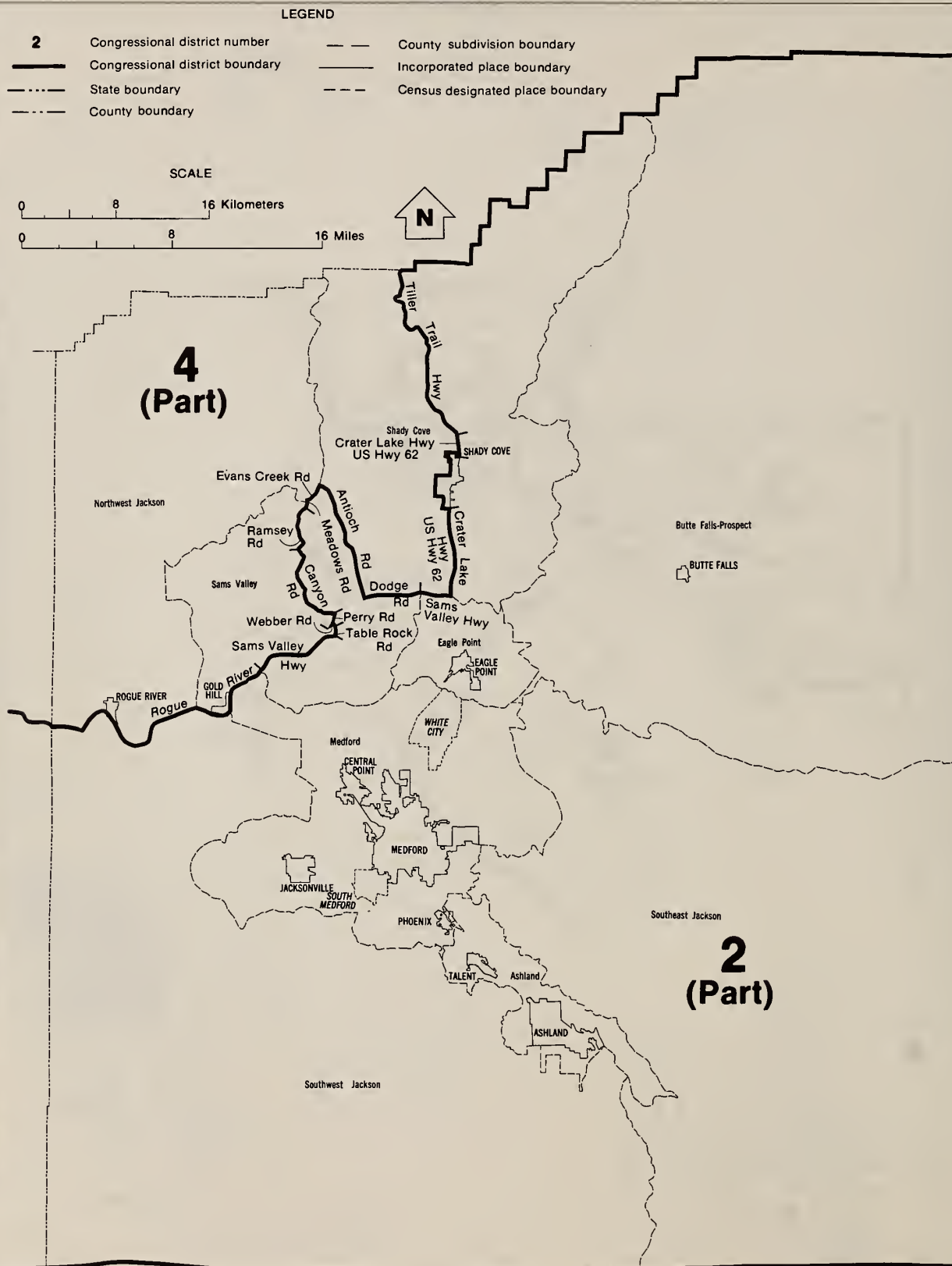
U.S. Department of Commerce

BUREAU OF THE CENSUS

Congressional districts established July 28, 1981; all other boundaries are as of January 1, 1980.



**JACKSON COUNTY**

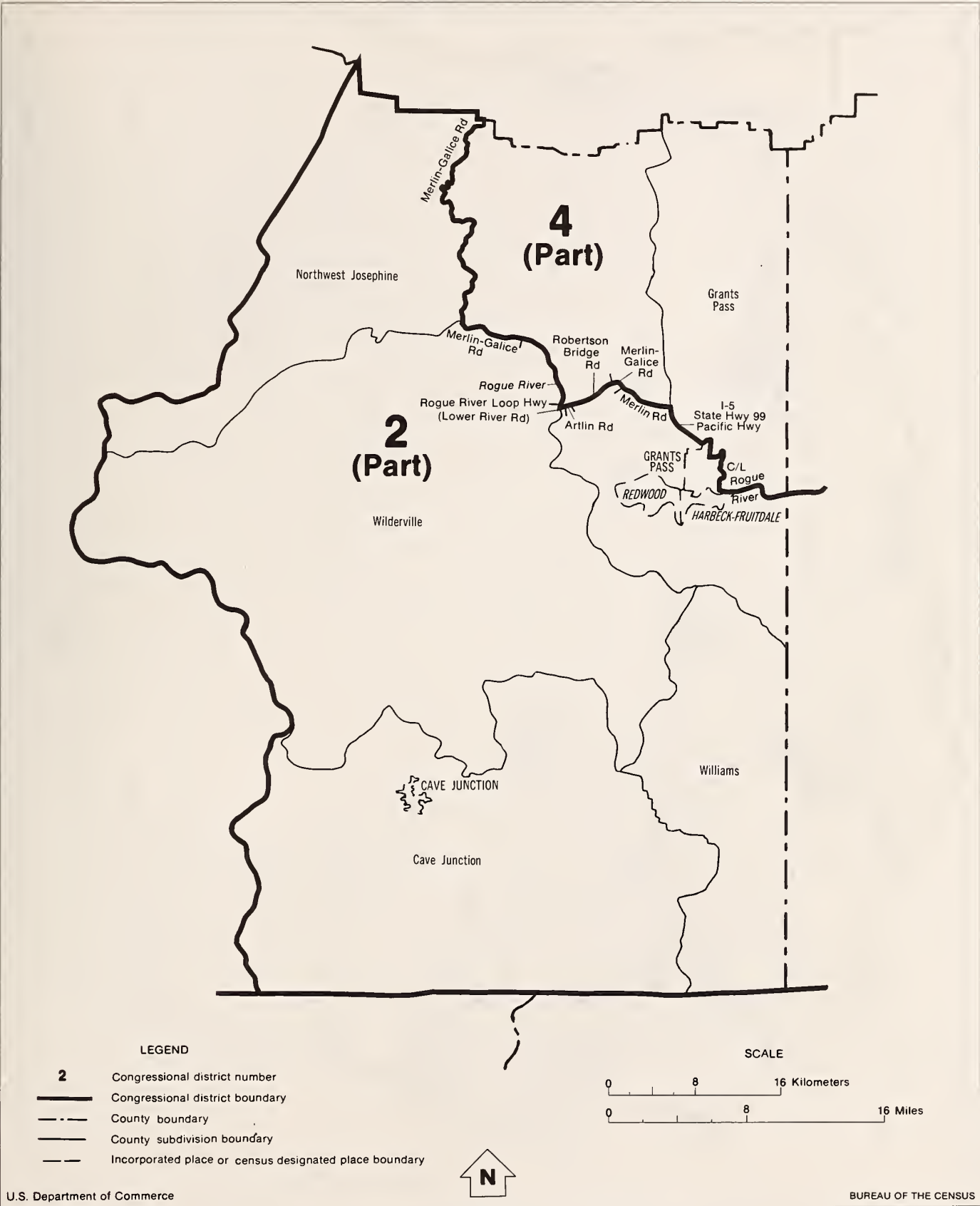


U.S. Department of Commerce

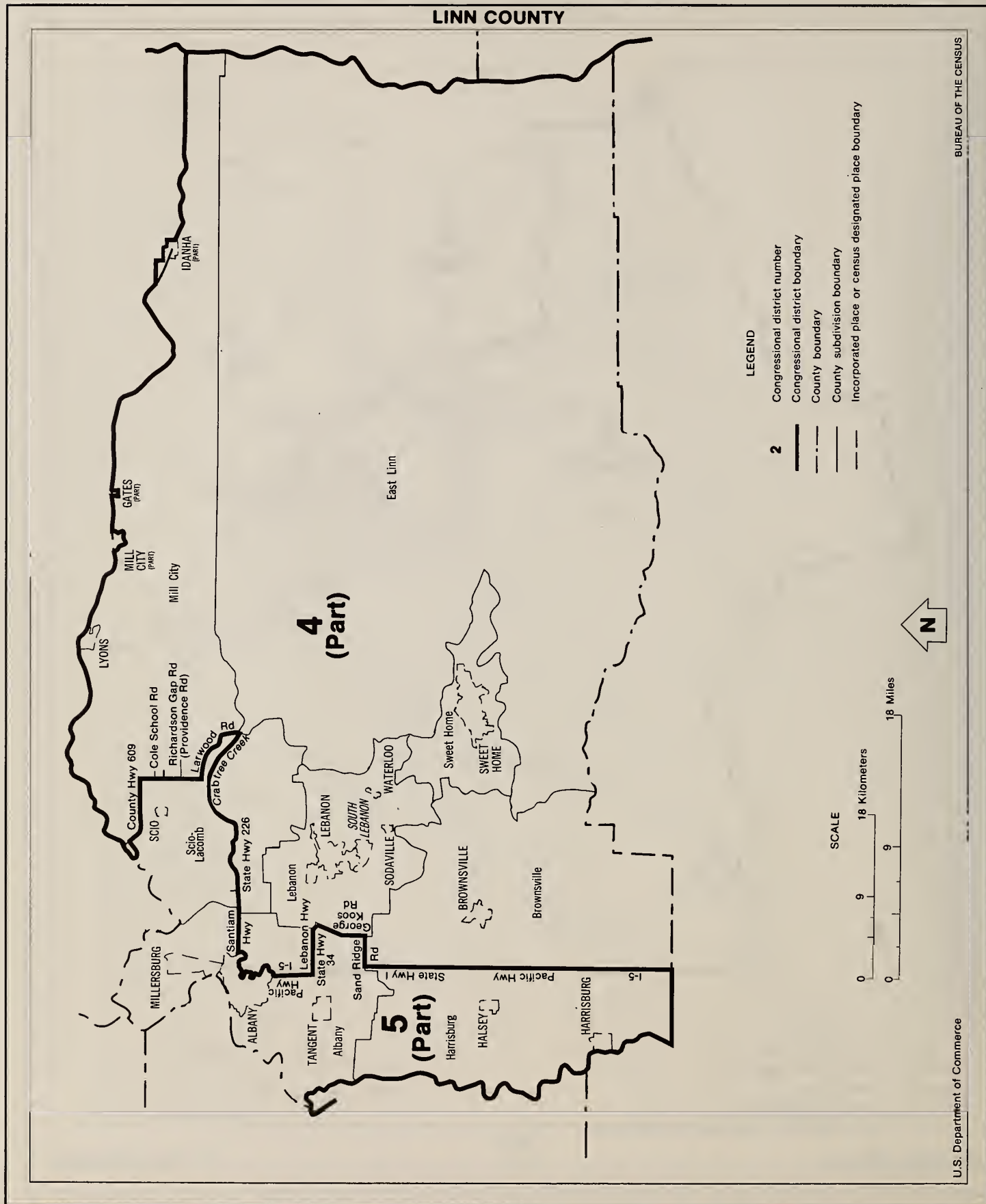
BUREAU OF THE CENSUS

Congressional districts established July 28, 1981 ; all other boundaries are as of January 1, 1980.

JOSEPHINE COUNTY

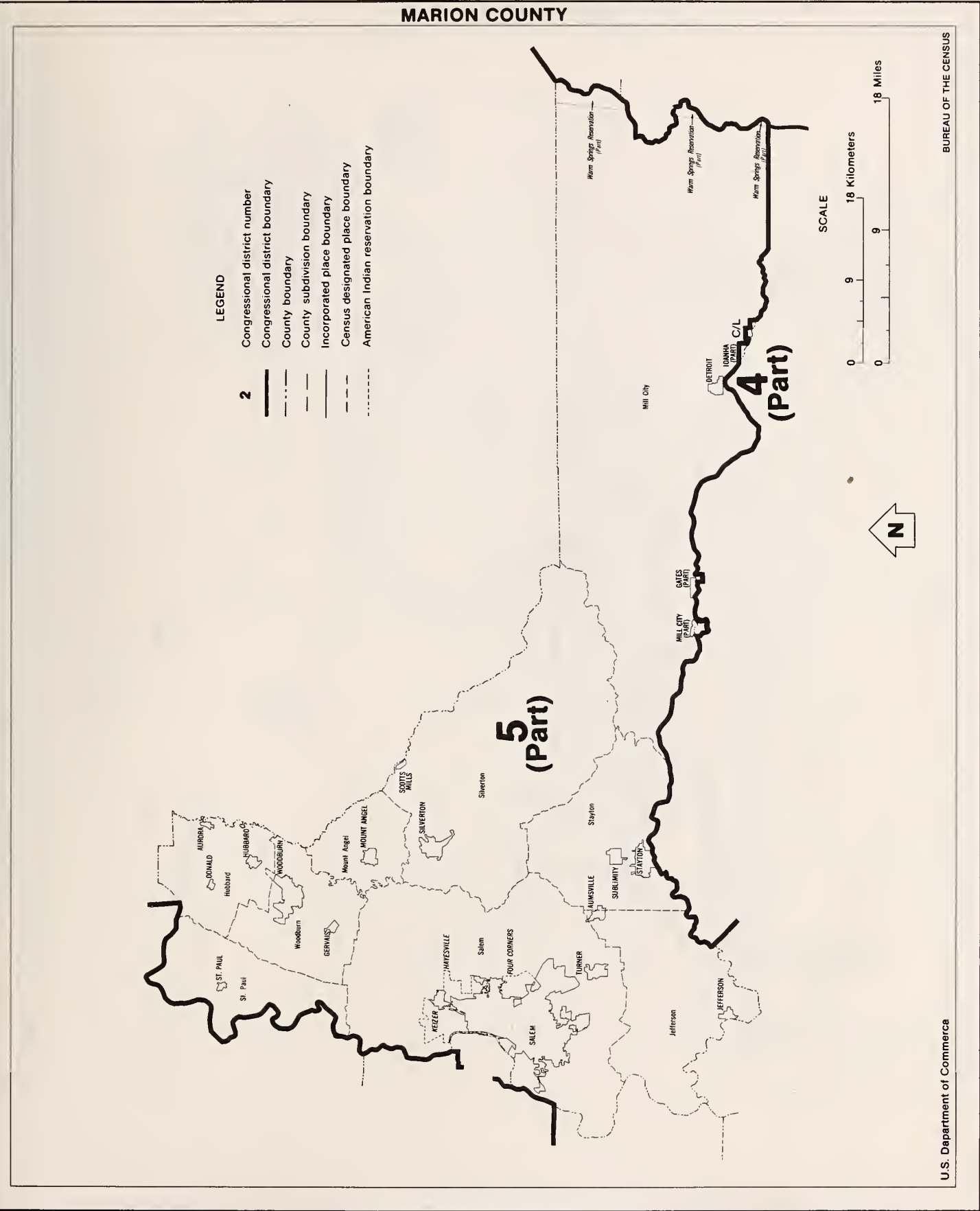


Congressional districts established July 28, 1981 ; all other boundaries are as of January 1, 1980.

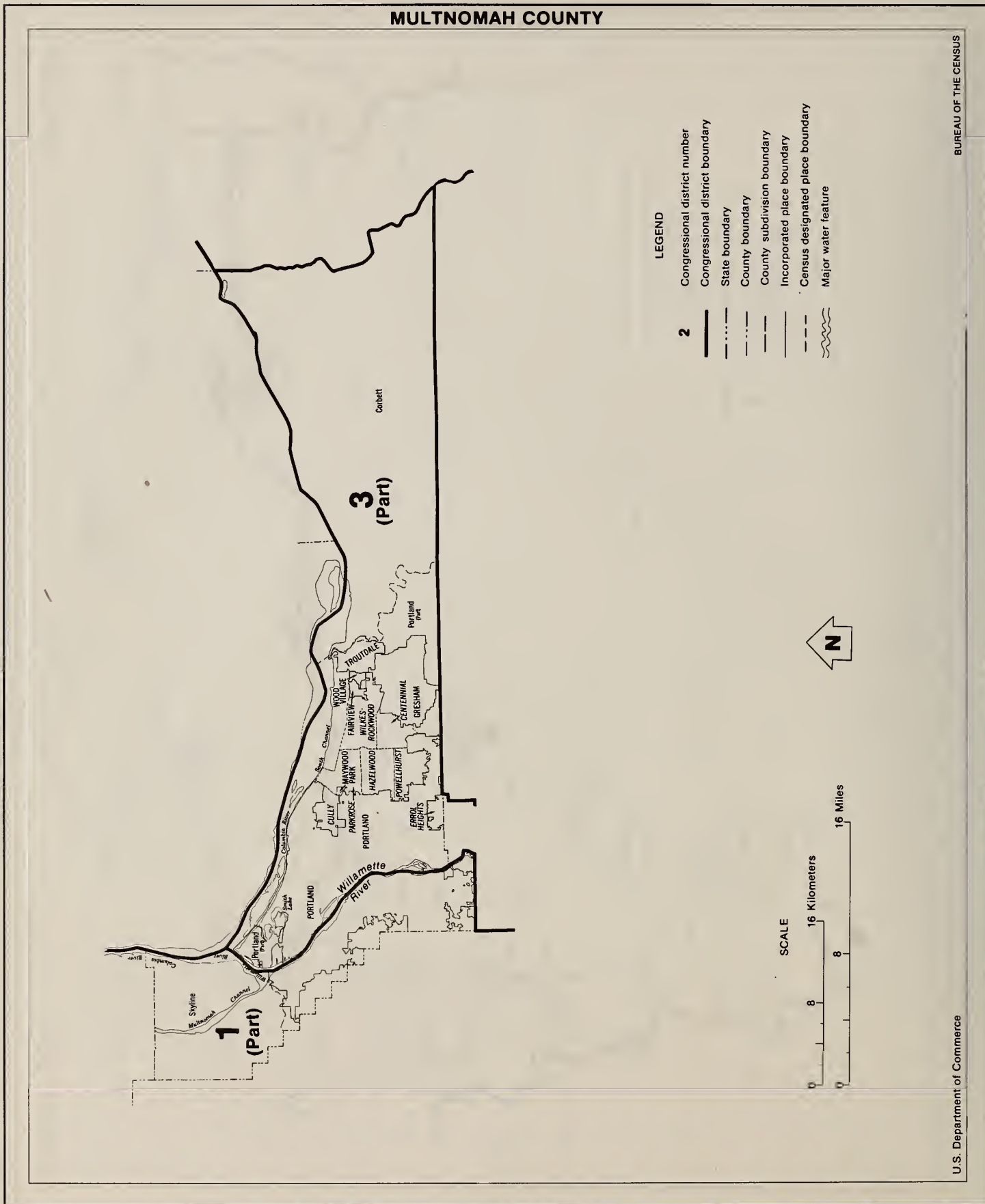


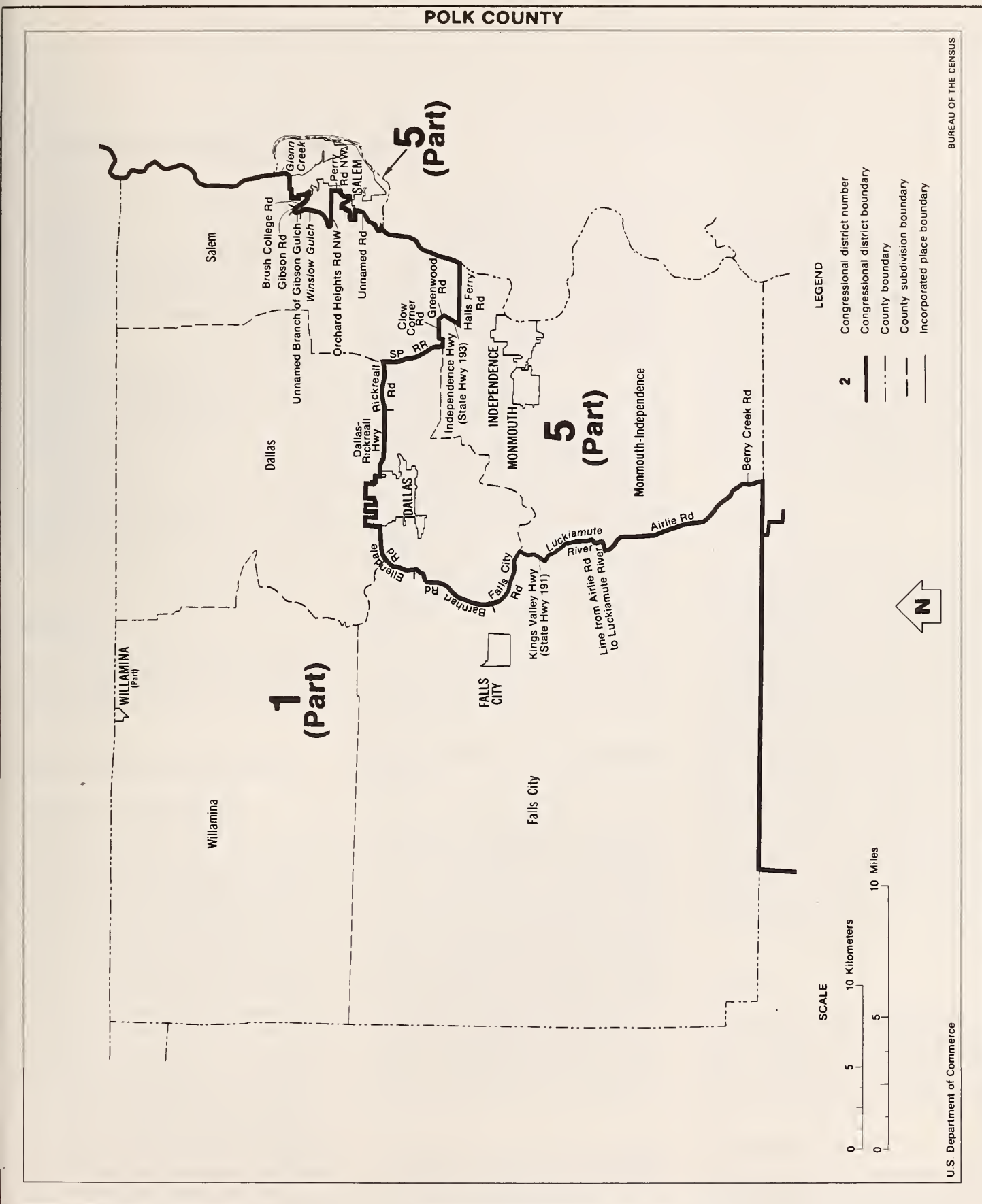
Congressional districts established July 28, 1981; all other boundaries are as of January 1, 1980.





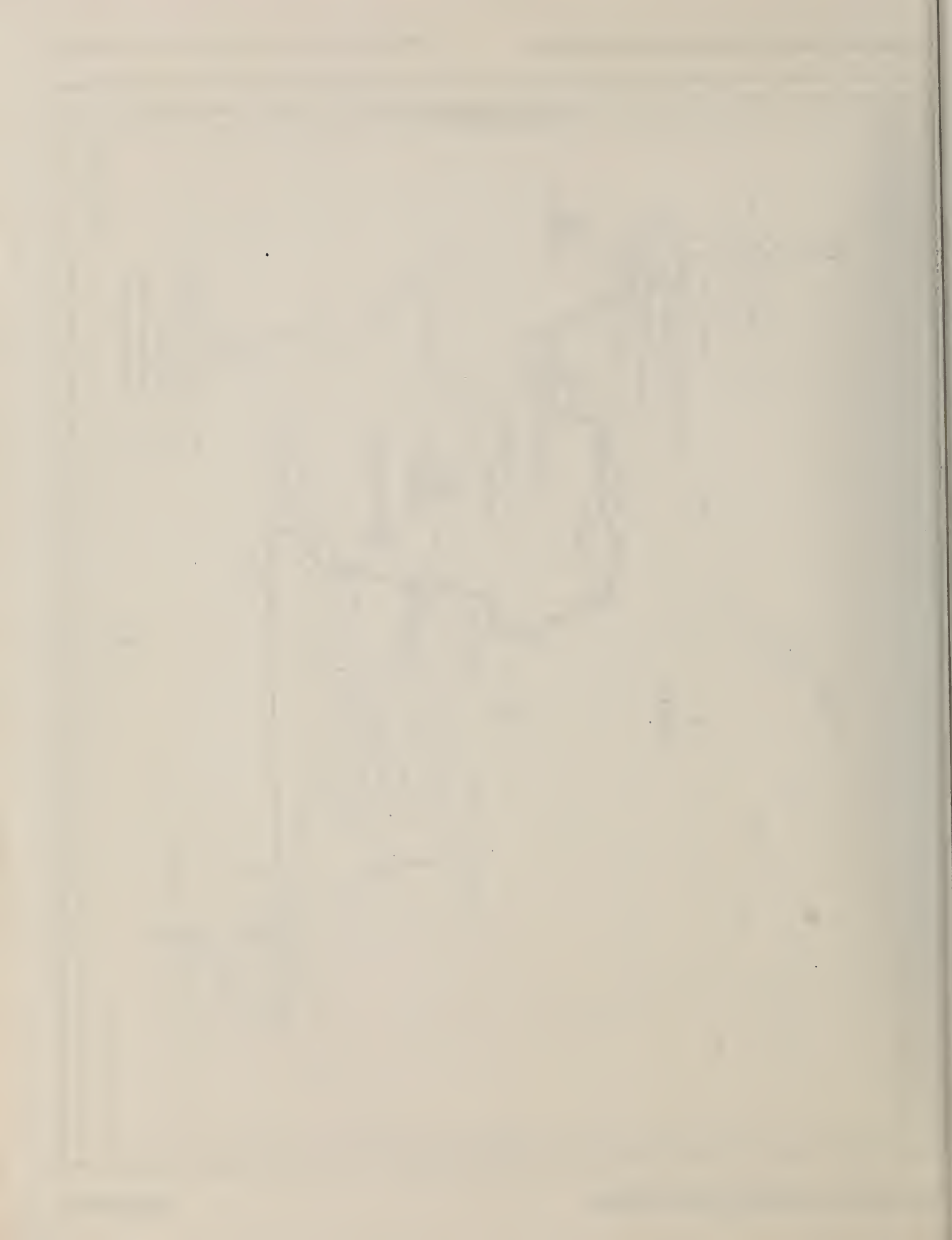
Congressional districts established July 28, 1981; all other boundaries are as of January 1, 1980.





Congressional districts established July 28, 1981; all other boundaries are as of January 1, 1980.





Appendix A.—Area Classifications

STATES . . . . . A-1  
CONGRESSIONAL DISTRICTS . . A-1  
    Congressional Redistricting . . . . A-1  
    Data Compilation for  
        Congressional Districts . . . . . A-1  
COUNTIES . . . . . A-1  
PLACES . . . . . A-1  
    Incorporated Places . . . . . A-1  
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TOWNS AND TOWNSHIPS. . . . . A-2  
URBAN AND RURAL  
    RESIDENCE . . . . . A-2  
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HISTORIC DATA . . . . . A-2

STATES

The 50 States and the District of Columbia are the constituent units of the United States.

CONGRESSIONAL DISTRICTS

Congressional Redistricting

States are assigned seats in the House of Representatives on the basis of an apportionment following each decennial population census. The apportionment procedure, determined by Congress, assigns seats to each State on the basis of the census population, and the number of seats for that State remains constant for 10 years until the next apportionment. The total number of seats in the House of Representatives has been 435 since the apportionment following the 1910 census, except for temporary expansion for Alaska and Hawaii from 1959 to 1962.

After an apportionment, each State allocated two or more seats in the House is responsible for subdividing the State into congressional districts for the purpose of electing each representative.<sup>1</sup>

This redistricting action is generally the result of a law passed by the State legislature and signed by the governor. Each congressional district is as equal in population to all other congressional districts in the State as is practicable based on the last decennial census.

The congressional districts in this report are those in effect for the 98th Congress, elected in 1982, and they are the first to reflect the 1980 census apportionment. Most States have redrawn their congressional district boundaries based on 1980 populations (Maine and Montana plan to redistrict for the 99th Congress). Final redistricting of a few other States may be delayed by legal action. Unless there is further legal action, these districts will be in effect until 1992.

Federal statutes governing the apportionment process and method and redistricting may be found in Title 2, United States Code.

Data Compilation for Congressional Districts

Data from the 1980 census have been compiled for congressional districts by equating component census geographic areas to each district and summing all data for areas coded to the district. Where the smallest census geographic area was split by a congressional district boundary, the census records for the area were reviewed to determine in which district the majority of the population fell, and the entire area was coded to that district.

The 1970 population totals for congressional districts were obtained by summing the 1970 census counts for

component areas, including all subsequent corrections made to these counts. A review of the 1970 census maps was made where the smallest geographic census area was split by a congressional district line. If the population of the census area was small or the part in one of the congressional districts was relatively minor, the entire population was assigned to the district with the larger share of the area. Otherwise, the population was apportioned to the two congressional districts on the basis of settlement pattern.

COUNTIES

In most States, the primary divisions are termed counties. In Louisiana, these divisions are known as parishes. In Alaska, which has no counties, the county equivalents are the organized boroughs together with the "census areas" which were developed for general statistical purposes by the State of Alaska and the Census Bureau. In four States (Maryland, Missouri, Nevada, and Virginia), there are one or more cities which are independent of any county organization and thus constitute primary divisions of their States. That part of Yellowstone National Park in Montana is treated as a county equivalent. The District of Columbia has no primary divisions, and the entire area is considered equivalent to a county for census purposes.

PLACES

Two types of places are recognized in the census reports—incorporated places and census designated places—as defined below. Data are shown in table 2 for places with 10,000 or more inhabitants.

Incorporated Places

Incorporated places recognized in the reports of the census are those which are

<sup>1</sup> Six States have only one representative, who is elected at large, and the District of Columbia has a nonvoting delegate.

incorporated under the laws of their respective States as cities, boroughs, towns, and villages, with the following exceptions: boroughs in Alaska and New York and towns in the six New England States, New York, and Wisconsin. The towns in the New England States, New York, and Wisconsin, and the boroughs in New York are recognized as minor civil divisions (MCD's) for census purposes; the boroughs in Alaska are county equivalents.

### Census Designated Places

As in the 1950, 1960, and 1970 censuses, the Census Bureau has delineated boundaries for closely settled population centers without corporate limits. In 1980, the name of each such place is followed by "(CDP)," meaning "census designated place." In the 1970 and earlier censuses, these places were identified by "(U)," meaning "unincorporated place."

In 11 States, certain CDP's are coextensive with MCD's. These entities are shown in the Town/Township section of table 2 in this report. The States are Connecticut, Maine, Massachusetts, Michigan, New Hampshire, New Jersey, New York, Pennsylvania, Rhode Island, Vermont, and Wisconsin.

Census designated place boundaries change with changes in the settlement pattern; a place which has the same name as in previous censuses does not necessarily have the same boundaries. Boundary outlines for CDP's appear on the county subdivision maps available for purchase from the Census Bureau.

### TOWNS AND TOWNSHIPS

Statistics for minor civil divisions, the primary legal subdivisions of counties, are presented in table 2 only for 11 States where those areas have important significance as geographic units. Data are shown

in table 2 for towns of 10,000 or more in the six New England States (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont) and in New York and Wisconsin, and for townships of 10,000 or more in Michigan, New Jersey, and Pennsylvania.

### URBAN AND RURAL RESIDENCE

As defined for the 1980 census, urban residence comprises all persons and housing units in urbanized areas and in places of 2,500 or more inhabitants outside urbanized areas. More specifically, urban residence consists of all persons and housing units in (1) places of 2,500 or more inhabitants incorporated as cities, villages, boroughs (except in Alaska and New York), and towns (except in the New England States, New York, and Wisconsin), but excluding those persons and housing units in the rural portions of extended cities; (2) census designated places of 2,500 or more inhabitants, and (3) other territory, incorporated or unincorporated, included in urbanized areas. The population and housing units not classified as urban constitute the rural population and housing.

#### Urbanized Areas

The major objective of the Census Bureau in delineating urbanized areas is to provide a better separation of urban and rural population and housing in the vicinity of large cities. An urbanized area consists of a central city or cities and surrounding closely settled territory ("urban fringe") that together have a minimum population of 50,000.

#### Rural Farm

The rural farm population and housing comprises all persons and housing units

living in rural areas on farms. Farms are defined as places from which sales of crops, livestock, and other farm products amounted to \$1,000 or more during 1979.

### AREA MEASUREMENTS

Area measurement figures for States were prepared by using a digitization process on the topographic quadrangle maps produced by the U.S. Geological Survey. Area figures for all counties, places, towns and townships covered in these reports can be found in the 1980 Census of Population, *Number of Inhabitants*, PC80-1-A1, United States Summary.

Area measurement figures for congressional districts were prepared using an electronic digital planimeter to measure those counties split by congressional districts. Map types used for this process include U.S. Department of Transportation county maps and various census maps such as the Metropolitan Map Series (MMS). Area measurements for counties not split by congressional districts were derived from the digitized U.S. Geological Survey maps.

The land area figures for States shown in this report may differ from those shown in the PC80-1-A State reports because of changes made subsequent to the preparation of the area measurement figures shown in the State reports.

### HISTORIC DATA

In some instances, 1970 population counts shown in table 1 have been revised since publication of the 1970 census reports. Counts which have been revised for States, counties, places, and towns/townships are not identified in this report but are indicated by the prefix "r" in the PC80-1-A State reports.



Appendix B.—Definitions and Explanations of Subject Characteristics

|                                            |     |                                      |      |                               |      |
|--------------------------------------------|-----|--------------------------------------|------|-------------------------------|------|
| GENERAL . . . . .                          | B-1 | Government Workers . . . . .         | B-7  | Value . . . . .               | B-12 |
| POPULATION                                 |     | Self-Employed Workers . . . . .      | B-7  | Mortgage Status and Selected  |      |
| CHARACTERISTICS . . . . .                  | B-1 | Unpaid Family Workers . . . . .      | B-7  | Monthly Owner Costs . . . . . | B-12 |
| Household . . . . .                        | B-1 | Labor Force Status in 1979 . . . . . | B-7  | Contract Rent . . . . .       | B-12 |
| Relationship to Householder . . . . .      | B-2 | Worked in 1979 . . . . .             | B-8  | Gross Rent . . . . .          | B-12 |
| Householder . . . . .                      | B-2 | With Unemployment in 1979 . . . . .  | B-8  |                               |      |
| Spouse . . . . .                           | B-2 | Weeks of Unemployment in             |      |                               |      |
| Child . . . . .                            | B-2 | 1979 . . . . .                       | B-8  |                               |      |
| Other Relative . . . . .                   | B-2 | Income in 1979 . . . . .             | B-8  |                               |      |
| Nonrelative . . . . .                      | B-2 | Poverty Status in 1979 . . . . .     | B-9  |                               |      |
| Unrelated Individual . . . . .             | B-2 | Persons for Whom Poverty             |      |                               |      |
| Family . . . . .                           | B-2 | Status is Determined . . . . .       | B-9  |                               |      |
| Group Quarters . . . . .                   | B-2 | Specified Poverty Level . . . . .    | B-9  |                               |      |
| Inmates of Institutions . . . . .          | B-2 |                                      |      |                               |      |
| Other . . . . .                            | B-2 | HOUSING CHARACTERISTICS . . . . .    | B-9  |                               |      |
| Sex . . . . .                              | B-2 | Living Quarters . . . . .            | B-9  |                               |      |
| Race . . . . .                             | B-2 | Housing Units . . . . .              | B-9  |                               |      |
| Comparability Between                      |     | Comparability With 1970              |      |                               |      |
| Sample and 100-Percent                     |     | Census Housing Unit Data . . . . .   | B-9  |                               |      |
| Data for Racial Groups . . . . .           | B-3 | Year-Round Housing Units . . . . .   | B-10 |                               |      |
| Comparability With 1970                    |     | Occupancy and Vacancy                |      |                               |      |
| Census Data . . . . .                      | B-3 | Characteristics . . . . .            | B-10 |                               |      |
| Spanish/Hispanic Origin . . . . .          | B-4 | Occupied Housing Units . . . . .     | B-10 |                               |      |
| Limitations of the Data . . . . .          | B-4 | Persons Per Occupied                 |      |                               |      |
| Comparability Between                      |     | Housing Unit . . . . .               | B-10 |                               |      |
| Sample and 100-Percent                     |     | Year Householder Moved               |      |                               |      |
| Data for the Spanish                       |     | Into Unit . . . . .                  | B-10 |                               |      |
| Origin Population . . . . .                | B-4 | Vacant Housing Units . . . . .       | B-10 |                               |      |
| Comparability With 1970                    |     | Type of Vacant Unit . . . . .        | B-10 |                               |      |
| Census Data . . . . .                      | B-4 | Vacancy Status . . . . .             | B-10 |                               |      |
| Age . . . . .                              | B-5 | Tenure . . . . .                     | B-10 |                               |      |
| Marital Status . . . . .                   | B-5 | Utilization, Structural, and         |      |                               |      |
| School Enrollment . . . . .                | B-5 | Plumbing Characteristics . . . . .   | B-10 |                               |      |
| Years of School Completed . . . . .        | B-5 | Persons Per Room . . . . .           | B-10 |                               |      |
| Nativity and Place of Birth . . . . .      | B-5 | Bedrooms . . . . .                   | B-11 |                               |      |
| Language Spoken at Home and                |     | Kitchen Facilities . . . . .         | B-11 |                               |      |
| Ability to Speak English . . . . .         | B-5 | Year Structure Built . . . . .       | B-11 |                               |      |
| Ancestry . . . . .                         | B-6 | Units in Structure . . . . .         | B-11 |                               |      |
| Residence in 1975 . . . . .                | B-6 | Stories in Structure . . . . .       | B-11 |                               |      |
| Veteran Status . . . . .                   | B-6 | Passenger Elevator . . . . .         | B-11 |                               |      |
| Work Disability . . . . .                  | B-6 | Lacking Complete Plumbing            |      |                               |      |
| Public Transportation Disability . . . . . | B-6 | for Exclusive Use . . . . .          | B-11 |                               |      |
| Fertility (Children Ever Born) . . . . .   | B-6 | Bathrooms . . . . .                  | B-11 |                               |      |
| Means of Transportation to                 |     | Source of Water . . . . .            | B-11 |                               |      |
| Work . . . . .                             | B-7 | Sewage Disposal . . . . .            | B-11 |                               |      |
| Reference Week . . . . .                   | B-7 | Equipment and Fuels . . . . .        | B-11 |                               |      |
| Labor Force Status . . . . .               | B-7 | Heating Equipment . . . . .          | B-11 |                               |      |
| Employed . . . . .                         | B-7 | Air-Conditioning . . . . .           | B-12 |                               |      |
| Unemployed . . . . .                       | B-7 | Vehicles Available . . . . .         | B-12 |                               |      |
| Industry and Occupation . . . . .          | B-7 | Telephone in Housing Unit . . . . .  | B-12 |                               |      |
| Class of Worker . . . . .                  | B-7 | Fuels Used for House                 |      |                               |      |
| Private Wage and Salary                    |     | Heating, Water Heating, and          |      |                               |      |
| Workers . . . . .                          | B-7 | Cooking . . . . .                    | B-12 |                               |      |
|                                            |     | Financial Characteristics . . . . .  | B-12 |                               |      |

GENERAL

The 1980 census was conducted primarily through self-enumeration. The principal determinant for the responses was, therefore, the questionnaire and its accompanying instruction guide. Furthermore, census takers were instructed, in their telephone and personal-visit interviews, to read the questions directly from the questionnaire. The definitions and explanations given below for each subject are drawn largely from various technical and procedural materials used in the collection of the data. These materials helped the census interviewers to understand more fully the intent of each question, and thus to resolve problems or unusual cases in a manner consistent with this intent. Also included is certain explanatory information to assist the user in the proper utilization of the statistics.

Facsimiles of the questionnaire pages containing the population and housing questions used to produce the data shown in this report and the pages of the respondent instruction guide which relate to these questions are presented in appendix E.

POPULATION CHARACTERISTICS

Household

A household includes all the persons who occupy a housing unit. The meas-

ure, "persons per household," is obtained by dividing the number of persons in households by the number of households (or householders). For further information see the housing unit definition.

### Relationship to Householder

The data on relationship to householder were derived from answers to question 2, which was asked of all persons in housing units. Four basic categories of relationship are recognized in this report. More detailed categories of relationship appear in the PC80-1-B, PC80-1-C, and PC80-1-D reports (and Summary Tape Files 2, 4, and 5).

**Householder**—One person in each household is designated as the "householder." In most cases, this is the person, or one of the persons, in whose name the home is owned or rented and who is listed in column 1 of the census questionnaire. If there is no such person in the household, any adult household member could be designated as the "householder." Two types of householders are distinguished: a family householder and a nonfamily householder. A family householder is a householder living with one or more persons related to him or her by birth, marriage, or adoption. The householder and all persons in the household related to him or her are family members. A nonfamily householder is a householder living alone or with non-relatives only.

**Spouse**—A person married to and living with a householder. This category includes persons in formal marriages as well as persons in common-law marriages.

**Child**—A son, daughter, stepchild, or adopted child of the householder regardless of the child's age or marital status. The category excludes sons-in-law and daughters-in-law. "Own" children are sons and daughters, including stepchildren and adopted children, of the householder who are single (never married) and under 18 years of age. "Related" children in a family include own children and all other persons (except the spouse of the householder) under 18 years of age in the household, regardless of marital status, who are related to the householder by birth, marriage, or adoption.

**Other Relative**—Any person related to the householder by birth, marriage, or adoption, who is not shown separately in the particular table (e.g., "spouse," "child," "brother or sister," or "parent").

**Nonrelative**—Any person in the household not related to the householder by birth, marriage, or adoption. Roomers, boarders, partners, roommates, paid employees, wards, and foster children are included in this category.

### Unrelated Individual

An unrelated individual may be (1) a householder living alone or with non-relatives only, (2) a household member who is not related to the householder, or (3) a person living in group quarters who is not an inmate of an institution.

### Family

A family consists of a householder and one or more other persons living in the same household who are related to the householder by birth, marriage, or adoption; all persons in a household who are related to the householder are regarded as members of his or her family. A "married-couple family" is a family in which the householder and spouse are enumerated as members of the same household. Not all households contain families, because a household may be composed of a group of unrelated persons or one person living alone. The measure "persons per family" is obtained by dividing the number of persons in families by the total number of families (or family householders).

### Group Quarters

All persons not living in households are classified by the Bureau of the Census as living in group quarters. Two general categories of persons in group quarters are recognized:

**Inmates of Institutions**—Persons under care or custody in institutions at the time of enumeration are classified as "patients or inmates" of an institution regardless of their length of stay in that place and regardless of the number of people in that place. Institutions include homes,

schools, hospitals, or wards for the physically or mentally handicapped; hospitals or wards for mental, tubercular, or chronic disease patients; homes for unmarried mothers; nursing, convalescent, and rest homes for the aged and dependent; orphanages; and correctional institutions.

**Other**—This category includes all persons living in group quarters who are not inmates of institutions. Rooming and boarding houses, communes, farm and nonfarm workers' dormitories, convents or monasteries, and other living quarters are classified as "other" group quarters if there are nine or more persons unrelated to the person listed in column 1 of the questionnaire; or if 10 or more unrelated persons share the unit. Persons residing in certain other types of living arrangements are classified as living in "other" group quarters regardless of the number or relationship of people in the unit. These include persons residing in military barracks, on ships, in college dormitories, or in sorority and fraternity houses; patients in general or maternity wards of hospitals who have no usual residence elsewhere; staff members in institutional quarters; and persons enumerated in missions, flophouses, Salvation Army shelters, railroad stations, etc.

### Sex

The data on sex were derived from answers to question 3, which was asked of all persons.

### Race

The data on race were derived from answers to question 4, which was asked of all persons. Both 100-percent and sample totals for racial groups are included in the tables of this report. For a discussion of the two data sources, see the section on "Comparability Between Sample and 100-Percent Data for Racial Groups" on page B-3. The concept of race as used by the Census Bureau reflects self-identification by respondents; it does not denote any clear-cut scientific definition of biological stock. Since the 1980 census obtained information on race through self-identification, the data represent self-classification by people according to the race with which they identify. In this report, data for housing units, households, and families are classified by the race of the householder.



For persons who could not provide a single response to the race question, the race of the person's mother was used; however, if a single response could not be provided for the person's mother, the first race reported by the person was used. This is a modification of the 1970 census procedure in which the race of the person's father was used.

The category "White" includes persons who indicated their race as White, as well as persons who did not classify themselves in one of the specific race categories listed on the questionnaire but entered a response such as Canadian, German, Italian, Lebanese, or Polish. In the 1980 census, persons who did not classify themselves in one of the specific race categories but marked "Other" and wrote in entries such as Cuban, Puerto Rican, Mexican, or Dominican were included in the "Other" race category; in the 1970 census, most of these persons were included in the "White" category.

The category "Black" includes persons who indicated their race as Black or Negro, as well as persons who did not classify themselves in one of the specific race categories listed on the questionnaire but reported entries such as Jamaican, Black Puerto Rican, West Indian, Haitian, or Nigerian.

The categories "American Indian," "Eskimo," and "Aleut" include persons who classified themselves as such in one of the specific race categories. In addition, persons who did not report themselves in one of the specific race categories but entered the name of an Indian tribe or reported such entries as Canadian Indian, French American Indian, or Spanish American Indian were classified as American Indian.

The category "Asian and Pacific Islander" in table 1, which is based on 100-percent tabulations, includes persons who indicated their race as Chinese, Filipino, Japanese, Asian Indian, Korean, Vietnamese, Hawaiian, Samoan, or Guamanian. The total for "Asian and Pacific Islander," which is available only from sample tabulations, is shown in tables 7 and 11 and includes the nine groups listed above as well as persons who provided write-in entries of such Asian and Pacific Islander groups as Cambodian, Laotian, Pakistani, and Fiji Islander under the "Other" race category. Also, persons who did not classify themselves in one of the specific race categories but wrote in

an entry indicating one of the nine specific categories listed above (e.g., Chinese and Filipino) were classified accordingly. For example, entries of Nipponese and Japanese American were classified as Japanese, entries of Taiwanese and Cantonese as Chinese, etc.

If the race entry was missing on the questionnaire for a member of a household, an answer was assigned in the computer according to the reported entries of race of other household members using specific rules of precedence of household relationship. If race was not entered for anyone in the household (excluding paid employees), the race of a householder in a previously processed household was assigned. This procedure is a variation of the general allocation process described in Appendix D, "Accuracy of the Data."

**Comparability Between Sample and 100-Percent Data for Racial Groups**—There may be differences in this report between the *totals* for the racial groups based on 100-percent tabulations (tables 1 and 2) and sample tabulations (tables 7 and 11). Such differences are the result of sampling variability, nonsampling error, and an additional edit and review performed on the sample questionnaires. Sample data are subject to sampling variability, as explained in Appendix D, "Accuracy of the Data."

During the sample processing, the responses in the race question underwent more extensive review and edit than performed during the previous processing stages. Additional efforts were made to assign write-in entries to specific race categories and to resolve inconsistent and incomplete responses. The impact of this further work varies substantially by racial group and by geographic area, but is generally negligible for most groups. Most affected is the "Other" race category since a number of persons originally counted therein in the 100-percent tabulations were shifted into specific race categories in the sample tabulations. For instance, a number of persons who marked the "Other" race category supplied a write-in entry (e.g., Canadian, Polish, Lebanese, Black Puerto Rican, or Jamaican) which indicated that they belonged in one of the specific race categories. Furthermore, persons in the "Other" category reported as Cambodian, Laotian, Thai, etc., were combined into a

"Other Asian and Pacific Islander" category which, together with the specific Asian and Pacific Islander categories (e.g., Japanese, Chinese, Filipino, etc.), covers the entire Asian and Pacific Islander population. This total is obtainable only from the sample tabulations, not from the 100-percent tabulations.

Information now available indicates that, since the effects of the additional review and edit were generally limited and rather varied for most groups, the 100-percent tabulations are usually the preferable source for comparable data on racial groups. In the case of distributions for subjects covered only on a sample basis (e.g., education, labor force status, income, etc.) and data for the entire Asian and Pacific Islander population, the sample figures are the only data available and should be used within the context of the sampling variability associated with them.

**Comparability With 1970 Census Data**—Differences between 1980 census and 1970 census population totals by race seriously affect the comparability for certain race groups. First, a large number of Spanish origin persons reported their race differently in the 1980 census than in the 1970 census; this difference in reporting has a substantial impact on the population totals and comparability for the "White" and "Other" populations (shown as "All other races" in most 1970 census publications). A much larger proportion of the Spanish origin population in 1980 than in 1970 reported their race in the questionnaire category "Other." Second, in 1970, most persons who marked the "Other" race category and wrote in a Spanish designation such as Mexican, Venezuelan, Latino, etc., were reclassified as "White." In 1980, such persons were not reclassified but remained in the "Other" category. As a result of this procedural change and the differences in reporting by this population, the proportion of the Spanish origin population classified as "Other" race in the 1980 census was substantially higher than that in the 1970 census. Nationally, in 1970, only 1 percent of Spanish origin persons were classified as "Other" race and 93 percent as "White." The 1980 census sample data showed a much larger proportion, 38 percent of Spanish origin persons reported their races as "Other" and only 53 percent reported



"White." (The corresponding figures for 100-percent tabulations are 40 percent and 56 percent, respectively.) As a consequence of these differences, 1980 population totals for "White" and "Other" are not comparable with corresponding 1970 figures.

The 1980 census was the first in which data were collected separately for Eskimos and Aleuts in all States. In 1970, these data were available only for Alaska. Since Eskimos and Aleuts are highly concentrated in Alaska, these changes do not seriously affect the comparability of 1980 and 1970 data for these racial groups at the national level.

The 1980 count for the Asian and Pacific Islander population reflects a high level of immigration during the 1970's as well as a number of changes in census procedures which were developed, in part, as a result of this high level of immigration. First, the number of Asian and Pacific Islander categories listed separately on the 1980 census questionnaire was expanded to include four additional groups: Vietnamese, Asian Indian, Guamanian, and Samoan. Asian Indians were classified as "White" in 1970, but were included in the "Asian and Pacific Islander" category in 1980. The Vietnamese, Guamanian, and Samoan populations were included in the "Other" race category in the 1970 census but were included in the "Asian and Pacific Islander" category in 1980. Second, "Other Asian and Pacific Islander" groups such as Cambodian, Laotian, Pakistani, and Fiji Islander were identified and tabulated as Asian and Pacific Islander in sample tabulations in the 1980 census; in 1970, most of these groups were included in the "Other" race category.

In 1980, data were collected separately for Hawaiians and Koreans in all States, but in 1970, these data were not collected for Alaska. (On the 1970 census questionnaire used in Alaska, Eskimo and Aleut were substituted for these two categories.) Since the numbers of Hawaiians and Koreans were small in Alaska, this questionnaire change does not have a major impact on the comparability of the 1980 and 1970 data for the Asian and Pacific Islander population.

### Spanish/Hispanic Origin

The data on Spanish/Hispanic origin or descent were derived from answers to

question 7, which was asked of all persons. Information on the Spanish origin population shown in this report is derived from both 1980 census 100-percent and sample tabulations. For a discussion of the two data sources, see "Comparability Between 1980 Census 100-Percent and Sample Totals for the Spanish Origin Population," below.

Persons of Spanish origin or descent are those who classified themselves in one of the specific Spanish origin categories listed on the questionnaire—Mexican, Puerto Rican, or Cuban—as well as those who indicated that they were of other Spanish/Hispanic origin. Persons reporting "other Spanish/Hispanic" origin are those whose origins are from Spain, the Spanish-speaking countries of Central or South America or they are persons identifying themselves generally as Spanish, Spanish American, Hispano, Latino, etc. Origin or descent can be viewed as the ancestry, nationality group, lineage, or country in which the person or person's parents or ancestors were born before their arrival in the United States. Persons of Spanish origin may be of any race. In this report, data for housing units, households, and families are classified by the Spanish origin of the householder.

Persons of more than one Spanish origin and persons of both a Spanish and another origin who were in doubt as to how to report a specific origin were classified according to the origin of the person's mother. If a single origin was not provided for the person's mother, the first reported origin of the person was used.

If any household member failed to respond to the Spanish/Hispanic origin question, in the 100-percent edit a response was assigned by computer according to the reported entries of other household members by using specific rules of precedence of household relationship. If origin was not entered for any household member (excluding a paid employee), origin was assigned from another household according to the race of the householder. The sample processing included more extensive edit procedures. For example, if any household member failed to respond to the Spanish/Hispanic origin question, a response was first assigned from available related information, such as ancestry and place of birth, reported for the individual. These edit procedures are a variation of

the general allocation process described in Appendix D, "Accuracy of the Data."

**Limitations of the Data**—A preliminary evaluation study of the reporting in the 1980 census item on Spanish origin indicated that there was misreporting in the Mexican origin category by White and Black persons in certain areas. The study results showed evidence that the misreporting occurred in the South (excluding Texas), the Northeast (excluding the New York City area), and a few States in the North Central Region. Also, results based on available data suggest that the impact of potential misreporting of Mexican origin in the 1980 census is severe in those portions of the above-mentioned regions where the Spanish origin population is generally sparse. However, 1980 census data on the Mexican origin population, or total Spanish origin population, at the national level, are not seriously affected by the reporting problem. For a more detailed discussion of the evaluation of the Spanish origin item, see the 1980 population census Supplementary Reports, Series PC80-S1-7, "*Persons of Spanish Origin by State: 1980.*"

**Comparability Between Sample and 100-Percent Data for the Spanish Origin Population**—There may be differences in this report between the total Spanish origin population based on 100-percent (tables 1 and 2) and sample tabulations (tables 7 and 11). Such differences reflect the results of more extensive edit procedures performed for the Spanish/Hispanic origin item during the processing of sample questionnaires as well as sampling variability and nonsampling error. (For an explanation of sampling variability and nonsampling error, see Appendix D, "Accuracy of the Data.")

Information now available indicates that, since the effects of the more extensive edit were generally limited, the 100-percent tabulations are usually the preferable source for data on the Spanish origin population. In the case of distributions for subjects covered only on a sample basis (e.g., education, labor force status, income, etc.), the sample figures are the only data available and should be used within the context of the sampling variability associated with them.

**Comparability With 1970 Census Data**—The 1980 figures on Spanish origin are not directly comparable with 1970



Spanish origin totals because of a number of factors; namely, overall improvements in the 1980 census, better coverage of the population, improved question design, and an effective public relations campaign by the Census Bureau with the assistance of national and community ethnic groups. These efforts at census improvement explain, in part, the large increase in the number of Hispanics over 1970. Also, these efforts undoubtedly resulted in the inclusion of a sizeable but unknown number of persons of Hispanic origin who are in the country in other than legal status.

In the 1980 census Spanish origin question, specific changes in design included the placement of the category "No, not Spanish/Hispanic" as the first category in that question. (The corresponding category appeared last in the 1970 question.) Also, the 1970 category "Central or South American" was deleted because in 1970 some respondents misinterpreted the category; furthermore, the designations "Mexican-Amer." and "Chicano" were added to the Spanish origin question in 1980. In the 1970 census, the question on Spanish origin was asked of only a 5-percent sample of the population.

### Age

The data on age were derived from answers to question 5, which was asked of all persons. Only the information in questions 5b and 5c (on month and year of birth) was read into the computer. Answers to question 5a (on age at last birthday) were used during field review to fill in any blanks in question 5c. The age classification is based on the age of the person in completed years as of April 1, 1980. The data on age represent the difference, as calculated in the computer, between date of birth and April 1, 1980. The median ages shown in this report are computed on the basis of more detailed intervals than shown in table 1.

### Marital Status

The data on marital status were derived from question 6, which was asked of all persons.

The marital status classification refers to the status at the time of enumeration.

Persons classified as "now married" include those who have been married only once and have never been widowed or divorced and those currently married persons who remarried after having been widowed or divorced. Persons reported as separated are those living apart because of marital discord, with or without a legal separation. Persons in common-law marriages are classified as married; persons whose only marriage had been annulled are classified as never married; and all persons under 15 years old are classified as never married. All persons classified as never married are shown as "single" in this report.

### School Enrollment

The data on school enrollment were derived from answers to questions 8 and 9. Persons are included as enrolled in school if they reported attending a "regular" school or college at any time between February 1, 1980, and the time of enumeration. Regular schooling is defined as nursery school, kindergarten, elementary school, and schooling which leads to a high school diploma or college degree. Schooling in trade or business schools, company training, or through a tutor was to be reported only if the course credits obtained were regarded as transferable to a regular elementary school, high school, or college. Persons were to be reported as enrolled in nursery school if the school included instruction as an integral phase of its program but not if only custodial care was given. Children in Head Start programs were to be reported in nursery school or kindergarten as appropriate.

Elementary school, as defined here, includes grades 1 through 8, and high school includes grades 9 through 12. In general, a public school is defined as any school which is controlled and supported primarily by a local, State, or Federal government agency. In using the public/private school distinction for college enrollment, some caution should be exercised, since there is evidence that, in some parts of the country, the classification of individual schools may not be entirely clear and census data may differ considerably from administrative figures.

### Years of School Completed

The data on years of school completed were derived from answers to questions 9

and 10. Persons whose education was received in a foreign school system or an ungraded school were instructed to report the approximate equivalent grade in the regular American school system. If a person was currently attending or did not finish the highest grade attended, he or she was tabulated as having completed the previous grade or year.

If the person did not attend college but finished high school by an equivalency test (GED), the person was instructed to mark grade 12 (high school, 4 years).

"Percent high school graduates" includes persons who completed four years of high school as well as those who completed one or more years of college.

### Nativity and Place of Birth

The data on nativity and place of birth were derived from answers to questions 11 and 12. The category "native" comprises persons born in the United States, Puerto Rico, or in an outlying area of the United States. Also included in this category is the small number of persons who were born abroad with at least one American parent. Persons not classified as native are classified as "foreign born."

Native persons are classified according to their State or area of birth. Respondents were instructed to report place of birth as the mother's usual State of residence at the time of the birth rather than as the location of the hospital if the birth occurred in a hospital.

### Language Spoken at Home and Ability to Speak English

The data on language spoken at home and ability to speak English were derived from answers to questions 13a, b, and c. Persons who responded in question 13a that they spoke a language other than English at home were asked to report what language they spoke (question 13b) and how well they could speak English (question 13c). All languages that were reported were coded using a detailed classification of languages. Ability to speak English was reported as one of four categories: "Very well," "Well," "Not well," or "Not at all."

The questions on language usage were intended to determine the extent to which non-English languages are spoken in the United States and to determine



how many persons feel they have difficulty speaking English. The questions were not intended to determine which language was a person's main language, or whether a person was fluent in the non-English language that he or she reported. Therefore, persons who reported speaking a language other than English may have also spoken English at home and they may have been more fluent in English than in the non-English language.

### Ancestry

The data on ancestry were derived from the answers to question 14. The 1980 census marked the first time that a general question on ancestry (ethnicity) was asked in a decennial census. The question was based on self-identification and was open-ended (respondents were required to write their answers). Ancestry refers to a person's nationality group, lineage, or the country in which the person or the person's parents or ancestors were born before their arrival in the United States. Thus, persons reported their ancestry group regardless of the number of generations removed from their country of origin. Furthermore, responses to the ancestry question reflected the ethnic groups with which persons identified and not necessarily the degree of attachment or association the person had with the particular ethnic group(s).

Ancestry and race are separate characteristics; therefore, persons reporting ancestry may be of any race. Ancestry is also different from other population characteristics that are sometimes regarded as indicators of ethnicity, namely, country of birth and language spoken at home.

A large number of persons reported their ancestry by specifying a single ancestry but some reported two, three, or more ancestry categories. All responses were coded manually by a procedure that allowed for identification of all single- and double-ancestry groups reported. In addition, 17 triple-ancestry categories were also identified by unique codes (these categories were selected since they were reported frequently in Census Bureau surveys taken prior to the 1980 census). All other multiple responses were coded according only to the first and second ancestry categories reported.

In published tabulations, multiple groups are designated in general open-ended categories such as "Polish and other groups," rather than in specific multiple ancestry groups such as "Polish-Italian." A person who reported "Polish-Italian" ancestry, for example, is included in the category "Polish and other groups" and in the category "Italian and other groups." A few responses consisting of two terms (e.g., French-Canadian) were considered as a single group and, thus, were coded and tabulated as a single ancestry. In addition, persons reporting combinations of ancestries such as "German-Bavarian" were tabulated as a single ancestry (i.e., German). Also, responses such as "Polish-American" or "Italian-American" were coded and tabulated as a single entry (i.e., Polish or Italian). A sole entry of "American" is tabulated in the category "Ancestry not specified."

Entries of religious groups were not coded separately and were tabulated in the category "Ancestry not specified." When an ancestry response was missing, the persons's ancestry was tabulated as "Not reported."

### Residence in 1975

The data on residence in 1975 were derived from answers to questions 15a and 15b. Residence on April 1, 1975, is the usual place of residence 5 years before enumeration. The number of persons who were living in a different house in 1975 is somewhat less than the total number of moves during the 5 years. Some persons in the same house at the two dates had moved during the 5-year period but by the time of enumeration had returned to their 1975 residence. Other persons who were living in a different house had made one or more intermediate moves. For similar reasons, the number of persons living in a different county or a different State understates the number of these kinds of moves.

Data on residence in 1975 are based on approximately one half of the full census sample (see appendix D). Therefore, figures in tabulations involving residence in 1975 may differ from tabulations based on the full sample. For example, the number of persons 5 years old and over from residence in 1975 tabulations may not agree with other tabulations by age.

### Veteran Status

The data on veteran status were derived from responses to question 18. A "veteran," as defined in census publications, is a person 16 years old or over who has served but is not now serving on active duty in the Armed Forces of the United States. Persons are classified as veterans if they were ever on active duty in the U.S. Army, Navy, Air Force, Marine Corps, or Coast Guard, even if the time served was short. Persons in the National Guard or in military reserve units are classified as veterans only if they were ever called to active duty. All other civilians 16 years and over are classified as nonveterans.

### Work Disability

The data on disability status were derived from answers to question 19. Persons are identified as having a work disability if they had a health condition which had lasted 6 or more months and which limited the kind or amount of work they could do at a job. Persons with a work disability are further classified as "prevented from working" or "not prevented from working."

The term "health condition" refers to both physical and mental conditions. Temporary health problems are not considered a health condition.

Persons are considered limited in the kind or amount of work they could do if they were restricted in the kinds of jobs at which they were able to work or if they were unable to work at a full-time job.

### Public Transportation Disability

Persons were identified as having a public transportation disability if they had a health condition which had lasted 6 or more months and which made it difficult or impossible for them to use buses, trains, subways, or other forms of public transportation.

### Fertility (Children Ever Born)

The data on children ever born were derived from responses to question 20. The number of children ever born to a woman consists of all live births the woman has ever had, including any babies who have died (even shortly after birth) or who no longer live with her. Excluded



are miscarriages and stillbirths, and any of the woman's step-children, foster children, or children she has adopted.

### Means of Transportation To Work

The data on means of transportation to work were derived from answers to questions 24b, 24c, and 24d which were asked only of persons who indicated in question 22 that they had worked at any time during the reference week (see below for definition of reference week). Means of transportation to work refers to the principal mode of travel or type of conveyance that the person usually used to get from home to work during the reference week. Persons who used different means of transportation on different days of the week were asked to specify the one they used most often. Persons who used more than one means of transportation to get to work each day were asked to report the one used for the longest distance during the work trip. The category "car, truck, or van" includes workers using a car (including company cars but excluding taxicabs), a truck of one-ton capacity or less, or a van. The category "public transportation" includes workers who used a bus or streetcar, subway or elevated railroad, or taxicab.

A question on carpooling (question 24c) was asked of all workers who reported their means of transportation to work as "car," "truck," or "van." The category "drive alone" includes persons who usually drove alone to work, as well as persons who were driven to work by someone who then drove back home or to a nonwork destination. The category "carpool" includes workers who reported that they usually shared driving, drove others, or rode as a passenger during the reference week. The measure "persons per private vehicle" is obtained by dividing the number of persons using a car, truck, or van, to get to work by the number of such vehicles that they used.

### Reference Week

The data on labor force status and journey to work relate to the calendar week preceding the date on which the respondents completed their questionnaires or were interviewed by enumerators. This week is not the same for all respondents because not all persons were enumerated during the same week.

### Labor Force Status

The data on labor force status were derived from answers to questions 22, 25, and 26. The "labor force" includes all persons in the civilian labor force plus members of the Armed Forces (persons 16 years old and over on active duty with the U.S. Army, Navy, Air Force, Marine Corps, or Coast Guard). The "civilian labor force" consists of persons classified as employed or unemployed in accordance with the criteria described below.

All persons 16 years old and over who are not classified as members of the labor force are defined as "not in labor force." This category consists mainly of students, housewives, retired workers, seasonal workers enumerated in an "off" season who were not looking for work, inmates of institutions, disabled persons, and persons doing only incidental unpaid family work (less than 15 hours during the reference week).

**Employed**—Employed persons include all civilians 16 years old and over who were either (a) "at work"—those who did any work at all during the reference week as paid employees or in their own business or profession, or on their own farm, or who worked 15 hours or more as unpaid workers on a family farm or in a family business; or (b) were "with a job but not at work"—those who did not work during the reference week but had jobs or businesses from which they were temporarily absent due to illness, bad weather, industrial dispute, vacation, or other personal reasons. Excluded from the employed are persons whose only activity consisted of work around the house or volunteer work for religious, charitable, and similar organizations.

**Unemployed**—Persons are classified as unemployed if they were civilians 16 years old and over and (a) were neither "at work" nor "with a job but not at work" during the reference week, (b) were looking for work during the last four weeks, and (c) were available to accept a job. Also included as unemployed are persons who did not work at all during the reference week and were waiting to be called back to a job from which they had been laid off.

### Industry and Occupation

The data on industry and occupation were derived from answers to questions 28 and 29, respectively, and are shown here for employed persons 16 years old and over.

For persons who worked at two or more jobs, the data refer to the job at which the person worked the greatest number of hours. The industry and occupation statistics are based on the detailed classification systems developed for the 1980 census. The 1980 industry classification is based on the U.S. Standard Industrial Classification (SIC) and is similar to the 1970 system; the 1980 occupational classification is based on the new U.S. Standard Occupational Classification (SOC). This report shows major occupation and industry groups. The relationship between these major groups and more detailed categories found in other reports will be shown in the PC80-1-C and PC80-1-D reports.

### Class of Worker

The data on class of worker were derived from answers to question 30. The information on class of worker refers to the same job as a respondent's industry and occupation. The definitions of the class of worker categories shown in this report are as follows:

**Private Wage and Salary Workers**—Private wage and salary workers are persons who work for a private employer for wages, salary, commission, tips, pay-in-kind, or at piece rates.

**Government Workers**—Government workers are employees of any Federal, State, or local governmental units, regardless of the activity of the particular agency.

**Self-Employed Workers**—Self-employed workers are those who work for profit or fees in their own unincorporated business, profession, or trade or who operate a farm.

**Unpaid Family Workers**—Unpaid family workers are those who work without pay in a family business or farm.

### Labor Force Status in 1979

The data on labor force status in 1979 were derived from answers to question 31.



Persons 16 years old and over are classified as "in labor force in 1979" if they worked in 1979 or had any weeks of unemployment in 1979, in accordance with the criteria for weeks worked in 1979 and weeks of unemployment in 1979 described below.

**Worked in 1979**—Persons 16 years old and over who worked 1 or more weeks in 1979 in accordance with the criteria described below are classified as "worked in 1979."

The data on weeks worked in 1979 pertain to the number of weeks during 1979 in which persons 16 years old and over did any work for pay or profit (including weeks on paid vacation or on paid sick leave) or worked without pay on a family farm or in a family business, or were on active duty in the Armed Forces.

Persons 16 years old and over who reported that they usually worked 35 or more hours each week during the weeks they worked are classified as "usually worked full-time;" persons who reported that they usually worked 1 to 34 hours are classified as "usually worked part-time."

**With Unemployment in 1979**—Persons 16 years old and over who had 1 or more weeks of unemployment in 1979 in accordance with the criteria described below are classified as "with unemployment in 1979."

**Weeks of Unemployment in 1979**—The data on weeks of unemployment in 1979 pertain to the number of weeks during 1979 in which persons 16 years old and over did not work but spent any time looking for work (i.e., trying to get a job or start a business or professional practice) or on layoff from a job. Excluded are any weeks in which the person worked, even for one hour; or any weeks for which the person received any wages or salary; or in which the person was on active duty in the Armed Forces, on paid vacation, or on paid leave.

### Income in 1979

The data on income in 1979 were derived from answers to questions 32 and 33. Information on money income received in the calendar year 1979 was requested from persons 15 years old and over.

"Total income" is the algebraic sum of the amounts reported separately for wage and salary income; nonfarm net self-employment income; farm net self-employment income; interest, dividend, royalty or net rental income; Social Security or Railroad Retirement income; public assistance or welfare income; and all other income. The figures represent the amount of income received regularly before deductions for personal income taxes, Social Security, bond purchases, union dues, medicare deductions, etc.

"Wage or salary income" is defined as the total money earnings received for work performed as an employee at any time during the calendar year 1979. It includes wages, salary, pay from Armed Forces, commissions, tips, piece-rate payments and cash bonuses earned. "Nonfarm net self-employment income" is defined as net money income (gross receipts minus business expenses) received from a business, professional enterprise, or partnership in which the person was engaged on his or her own account. "Farm net self-employment income" is defined as the net money income (gross receipts minus operating expenses) received from the operation of a farm by a person on his or her own account, as an owner, renter, or sharecropper. "Earnings" is defined as the algebraic sum of wage or salary income and net income from nonfarm and farm self-employment. "Interest, dividend, royalty or net rental income" includes interest on savings or bonds, dividends from stockholdings or membership in associations, net royalties, and net income from rental of property to others and receipts from boarders or lodgers. "Social Security income" includes Social Security pensions and survivors benefits and permanent disability insurance payments made by the Social Security Administration, prior to deductions for medical insurance, and railroad retirement insurance checks from the U.S. Government. "Medicare" reimbursements are not included. "Public assistance" or public welfare income includes (1) supplementary security income payments made by Federal, State, or local welfare agencies to low income persons who are aged (65 years old or over), blind, or disabled; (2) aid to families with dependent children; and (3) general assistance. Separate payments received for hospital or other medical care (vendor payments) are excluded from this

item. "Income from all other sources" includes unemployment compensation, veterans' payments, public or private pensions, alimony or child support, workmen's compensation, periodic payments from estates and trust funds, periodic receipts from annuities or insurance, contributions received periodically from persons not living in the household, military family allotments, net gambling winnings, and other kinds of periodic income other than earnings.

Receipts from the following sources were not included as income: money received from sale of property (unless the recipient was engaged in the business of selling such property); the value of income "in kind" from food stamps, public housing subsidies, medical care, employees' contributions for pensions, etc.; withdrawal of bank deposits; money borrowed; tax refunds; exchange of money between relatives living in the same household; gifts and lump-sum inheritances, insurance payments, and other types of lump-sum receipts.

Although the income statistics cover the calendar year 1979, the characteristics of persons and the composition of households and families refer to the time of enumeration (April 1, 1980). For most households and families, however, the income reported was received by persons who were members of the household or family throughout 1979.

The median income is the amount which divides the distribution into two equal groups, one having incomes above the median and the other having incomes below the median. For households, families, and unrelated individuals the median income is based on the distribution of the total number of units including those with no income. The median income values for all households, families, and unrelated individuals are computed on the basis of more detailed income intervals than shown in tables 6 and 7. Median income figures of \$30,000 or less in table 6 and \$5,000 to \$10,000 in table 7 are generally calculated using linear interpolation; all other median income amounts are derived through Pareto interpolation. For a detailed description of these interpolation procedures, see appendix B to the Current Population Reports, Series P-60, No. 129, *Money Income of Households in the United States: 1979*.

The mean income is the amount obtained by dividing the total income of a



particular statistical universe by the number of units in that universe. Thus, mean household income is obtained by dividing total household income by the total number of households. For the various types of income the means are based on households having those types of income.

Per capita income is the mean income computed for every man, woman, and child in a particular group. It is derived by dividing the total income of a particular group by the total population in that group.

Care should be exercised in using and interpreting mean or per capita values in the statistics for small areas or small subgroups of the population. Since the mean and per capita income amounts are strongly influenced by extreme values in the distribution, they are especially susceptible to the effects of sampling variability, misreporting, and processing errors. The median, which is not affected by extreme values, is therefore a better measure than the mean or per capita when the population base is small.

Poverty Status in 1979

Families and unrelated individuals are classified as being below or above the poverty level based on income in 1979, using a poverty index which provides a range of income cutoffs or "poverty thresholds" varying by size of family, number of children, and age of the family householder or unrelated individual. The poverty thresholds used in the 1980 census differ slightly from those used in the 1970 census, which took into account the same three factors as well as sex of the family householder or unrelated individual and farm-non-farm residence. In addition, for the 1980 census the thresholds by size of family were extended from seven or more persons to nine or more persons. The income cutoffs are updated each year to reflect the change in the Consumer Price Index. The poverty threshold for a family of four was \$7,412 in 1979; thresholds by size of family are shown below.

For a detailed explanation of the poverty definition, see Current Population Reports, Series P-60, No. 133, *Characteristics of the Population Below the Poverty Level: 1980*.

Weighted Average Poverty Thresholds: 1979

| Size of family                   | Threshold |
|----------------------------------|-----------|
| 1 person (unrelated individual): |           |
| Under 65 years.....              | \$3,774   |
| 65 years and over.....           | 3,479     |
| 2 persons:                       |           |
| Householder under 65 years....   | 4,876     |
| Householder 65 years and over..  | 4,389     |
| 3 persons.....                   | 5,787     |
| 4 persons.....                   | 7,412     |
| 5 persons.....                   | 8,776     |
| 6 persons.....                   | 9,915     |
| 7 persons.....                   | 11,237    |
| 8 persons.....                   | 12,484    |
| 9 persons.....                   | 14,812    |

**Persons for Whom Poverty Status Is Determined**—Poverty status is determined for all persons except inmates of institutions, persons in military group quarters and in college dormitories, and unrelated individuals under 15 years. When the line, "Persons for whom poverty status is determined," appears under the heading, "All Income Levels in 1979," it shows the total population minus persons in the four groups listed above. When the same line appears under the heading, "Income in 1979 Below Poverty Level," it shows the number of such persons who are classified as being below the poverty level.

**Specified Poverty Level**—Because the poverty definition currently in use by the Federal Government does not meet all the needs of the analysts of the data, some of the data are presented for alternate definitions ranging from 75 percent to 200 percent of the current poverty level. These specified poverty levels are obtained by multiplying the income cutoffs at the poverty level by the appropriate factor. For example, the income cutoff at 125 percent of the poverty level was \$9,265 in 1979 for a family of 4 persons.

HOUSING CHARACTERISTICS

Living Quarters

Living quarters are classified in the census as either housing units or group quarters. Usually, living quarters are in structures intended for residential use (e.g., a one-family home, apartment house, hotel or motel, boarding house, mobile home or trailer). However, living quarters may also be in structures intended for nonresidential use (e.g., the rooms in a ware-

house where a night guard lives), as well as in boats, tents, vans, etc.

**Housing Units**—A housing unit is a house, an apartment, a group of rooms, or a single room, occupied as a separate living quarters or, if vacant, intended for occupancy as a separate living quarters. Separate living quarters are those in which the occupants live and eat separately from any other persons in the building and which have direct access from the outside of the building or through a common hall. The occupants may be a single family, one person living alone, two or more families living together, or any other group of related or unrelated persons who share living arrangements (except those in Group Quarters as described in the next paragraph). For vacant units, the criteria of separateness and direct access are applied to the intended occupants whenever possible. If that information cannot be obtained, the criteria are applied to the previous occupants. Both occupied and vacant housing units are included in the housing unit inventory except that boats, tents, vans, caves, and the like, are included only if they are occupied as someone's usual place of residence. Vacant mobile homes are included, provided they are intended for occupancy on the site where they stand. Vacant mobile homes on dealers' sales lots, at the factory, or in storage are excluded from the housing inventory.

**Comparability With 1970 Census Housing Unit Data**—Although the 1980 census data are generally comparable with 1970 census data, certain changes were introduced for 1980. The part of the 1970 housing unit definition that required a unit to have either (1) direct access or (2) complete kitchen facilities was modified. For 1980, the complete kitchen facilities alternative was dropped, and direct access was required of all housing units. In addition, in 1970 a living quarters occupied by five or more persons unrelated to the head of the household or by six or more unrelated persons was not considered to be a housing unit but a group quarters. In 1980, however, this requirement was changed and, living quarters occupied by a group of nine or more persons unrelated to the householder or by 10 or more unrelated persons were considered to be group quarters. Thus, some living quarters classified as group quarters in 1970 would be classified as



housing units in 1980. In 1970, vacant mobile homes were not counted as housing units. For 1980, they were included in the housing inventory provided they were intended for occupancy on the site where they stood.

**Year-Round Housing Units**—Data on housing characteristics in the 1980 census reports are limited to year-round housing units; i.e., all occupied units plus vacant units available or intended for year-round use. Vacant units intended for seasonal occupancy and vacant units held for migratory labor are excluded because of the difficulty of obtaining reliable data on their characteristics. Counts of the total housing inventory, however, are given for each area presented in this report.

### Occupancy and Vacancy Characteristics

**Occupied Housing Units**—A housing unit is classified as occupied if it is the usual place of residence of the person or group of persons living in it at the time of enumeration, or if the occupants are only temporarily absent, e.g., away on vacation. If all the persons staying in the unit at the time of the census have their usual place of residence elsewhere, the unit is classified as vacant. A household includes all the persons who occupy a housing unit as their usual place of residence. In tabulations of data collected of all units, by definition, the number of occupied housing units equals the number of households. In tabulations presenting data from a sample of the housing units, there may be small differences in the figures resulting from processing procedures used to weight the population and housing sample responses.

**Persons Per Occupied Housing Unit**—"Persons per occupied housing unit" is computed by dividing the population living in housing units by the number of occupied housing units.

**Year Householder Moved Into Unit**—Data presented for this item are based on the information reported for the householder and refer to the year of the latest move. If the householder moved back into a

unit the person previously occupied, the year of the latest move was reported. If the householder moved from one apartment to another in the same building, the year the householder moved into the present apartment was reported. The intent is to establish the year the present occupancy by the householder began. The year in which a householder moved is not necessarily the same year as the year other members of the household moved, although in the majority of cases the entire household moved at the same time.

**Vacant Housing Units**—A housing unit is vacant if no one is living in it at the time of enumeration, unless its occupants are only temporarily absent. Units temporarily occupied at the time of enumeration entirely by persons who have a usual residence elsewhere are also classified as vacant.

New units not yet occupied are classified as vacant housing units if construction has reached a point where all exterior windows and doors are installed and final usable floors are in place. Vacant units are excluded if they are open to the elements, i.e., the roof, walls, windows, and/or doors no longer protect the interior from the elements, or if there is positive evidence (such as a sign on the house or in the block) that the unit is to be demolished or is condemned. Also excluded are quarters being used entirely for nonresidential purposes, such as a store or an office, or quarters used for the storage of business supplies or inventory, machinery, or agricultural products.

**Type of Vacant Unit**—Vacant housing units are classified in this report as either "seasonal and migratory" or "year-round." "Seasonal" units are intended for occupancy during only certain seasons of the year. Included are units intended for recreational use, such as beach cottages and hunting cabins; units offered to vacationers in the summer for summer sports or in the winter for winter sports; and vacant units held for herders and loggers. "Migratory" units are vacant units held for occupancy by migratory labor employed in farm work during the crop season. "Year-round" vacant housing units are available or intended for occupancy at any time of the year. A unit in a resort area which is usually occupied on a year-round basis is considered as year-round. A

unit used only occasionally throughout the year is also considered as year-round.

**Vacancy Status**—Year-round vacant units are subdivided according to their vacancy status as follows:

*For sale only.* Vacant year-round units being offered "For sale only," including individual units in cooperatives and condominium projects if the individual units are offered "For sale only."

*For rent.* Vacant year-round units offered "For rent," and vacant units offered either for rent or for sale.

*Held for occasional use.* This category consists of vacant year-round units which are held for weekend or other occasional use throughout the year. Shared ownership or time-sharing condominiums are also classified as "Held for occasional use." Homes reserved by their owners as second homes usually fall in this category, although some second homes may be classified as "seasonal."

*Other vacants.* This category includes all vacant year-round units which do not fall into any of the classifications specified above. This category includes units held for settlement of an estate, units held for occupancy by a caretaker or janitor, and units held for personal reasons of the owner, as well as units rented or sold, awaiting occupancy.

**Tenure**—A housing unit is "owner occupied" if the owner or co-owner lives in the unit, even if it is mortgaged or not fully paid for. All other occupied units are classified as "renter occupied," including units rented for cash rent and those occupied without payment of cash rent.

### Utilization, Structural, and Plumbing Characteristics

**Persons Per Room**—"Persons per room" is a derived measure obtained by dividing the number of persons in each occupied housing unit by the number of rooms in the unit. In this report, the figures shown refer to the number of occupied



housing units having 1.01 or more persons per room. Data are also shown separately for the number of persons in housing units with 1.01 or more persons per room.

**Bedrooms**—The number of bedrooms in the unit is the count of rooms used mainly for sleeping, even if also used for other purposes. Rooms reserved for sleeping, such as guest rooms, even though used infrequently, are counted as bedrooms. On the other hand, rooms used mainly for other purposes, even though used also for sleeping, such as a living room with a sofa bed, are not considered bedrooms. A housing unit consisting of only one room, such as a one-room efficiency apartment, is classified, by definition, as having no bedroom.

**Kitchen Facilities**—A unit has complete kitchen facilities when it has all of the following: (1) an installed sink with piped water, (2) a range or cookstove, and (3) a mechanical refrigerator. All kitchen facilities must be located in the structure. They need not be in the same room. Quarters with only portable cooking equipment are not considered as having a range or cookstove. An ice box is not considered to be a mechanical refrigerator.

**Year Structure Built**—Year structure built refers to when the building was first constructed, not when it was remodeled, added to, or converted. For a houseboat or mobile home or trailer, the manufacturer's model year is assumed to be the year built. The figures shown in this report relate to the number of units in structures built during the specified periods and in existence at the time of enumeration.

**Units in Structure**—A structure is a separate building that either has open space on all sides or is separated from other structures by dividing walls that extend from ground to roof. In the determination of the number of units in a structure, all housing units, both occupied and vacant, were counted. The statistics are presented for the number of housing units in structures of specified type and size, not for the number of residential buildings. Structures containing only one housing unit are further classified as detached or attached. Included in the count of

"mobile homes or trailers, etc." are units classified as boats, tents, vans, etc.

**Stories in Structure**—The count of stories (floors) in structure includes basements or attics if these contain finished rooms for living purposes.

**Passenger Elevator**—Statistics on elevator in structure are presented for housing units in structures with four or more stories or floors. The category, "No elevator," refers to the number of housing units in structures with four or more stories with no passenger elevator or with only elevator service used for freight.

**Lacking Complete Plumbing for Exclusive Use**—A housing unit is classified as "lacking complete plumbing for exclusive use" when (1) all three specified plumbing facilities (hot and cold piped water, a flush toilet, and a bathtub or shower) are present inside the unit, but are also used by another household; (2) some but not all the facilities are present; or (3) none of the three specified plumbing facilities is present. In this report, data on "lacking complete plumbing for exclusive use" are shown for renter-occupied housing units. Data are also shown for the number of persons in housing units lacking complete plumbing for exclusive use.

**Bathrooms**—A complete bathroom is a room with a flush toilet, bathtub or shower, and a wash basin with piped hot and cold water for the exclusive use of the occupants of the housing unit. (Although the instructions on the questionnaire do not specify that a complete bathroom must have hot water, this requirement was applied during the processing of the data in an edit combining the items on complete bathrooms and complete plumbing facilities for the exclusive use of the household.) A half-bathroom has at least a flush toilet *or* a bathtub or shower for exclusive use, but does not have all the facilities for a complete bathroom. The equipment must be inside the unit being enumerated. The category, "No bathroom or only a half bath," consists of units with no bathroom facilities, units with only a half-bathroom, and units with bathroom facilities which are also for the use of the occupants of other housing units.

**Source of Water**—Housing units may receive their water supply from a number of sources. A common source supplying water to six or more units is classified as a "Public system or private company." The water may be supplied by a city, county, water district, water company, etc., or it may be obtained from a well which supplies water to six or more housing units. If the water is supplied from a well serving five or fewer housing units, the units are classified as having water supplied by either an individual drilled well or an individual dug well. The category, "Some other source," includes water obtained from springs, creeks, rivers, lakes, cisterns, etc.

**Sewage Disposal**—Housing units are either connected to a public sewer, to a septic tank or cesspool, or they dispose of sewage by other means. A public sewer may be operated by a government body or by a private organization. Small sewage treatment plants, which in some localities are called neighborhood septic tanks, are also classified as public sewers. A housing unit is considered to be connected to a septic tank or cesspool when the unit is provided with an underground pit or tank for sewage disposal. The category, "Other means," includes housing units which dispose of sewage in some other way.

### Equipment and Fuels

**Heating Equipment**—Housing units use specific types of heating equipment as their primary source of heat. The categories for types used are: (1) a steam or hot water system; (2) a central warm-air furnace with ducts to the individual rooms; (3) an electric heat pump; (4) other built-in electric units which are permanently installed in the floors, walls, ceilings, or baseboards, and are a part of the electrical installation of the building; (5) a floor, wall, or pipeless furnace; (6) room heaters with flue or vent that burn gas, oil, or kerosene; (7) nonportable room heaters without flue or vent that burn gas, oil, or kerosene; and (8) fireplaces, stoves, or portable room heaters of any kind that can be picked up and moved. For vacant units which have had the heating equipment removed, the kind of equipment used by the previous occupants is considered to be the heating equipment for the unit.



**Air-Conditioning**—Air-conditioning is defined as the cooling of air by a refrigeration unit. It does not include evaporative coolers, fans, or blowers which are not connected to a refrigeration unit; however, it does include heat pumps. A central system is an installation which air-conditions a number of rooms. In an apartment building, such a system may cool all apartments in the building, each apartment may have its own central system, or there may be several systems, each providing central air-conditioning for a group of apartments. A system with individual room controls is a central system. A room unit is an individual air-conditioner which is installed in a window or an outside wall and is generally intended to cool one room, although it may sometimes be used to cool more than one room.

**Vehicles Available**—Data for this item refer to the number of households with vehicles available at home for the use of the members of the household. Included in this item are passenger cars, pickup trucks, small panel trucks of one-ton capacity or less, as well as station wagons, company cars, and taxicabs kept at home for the use of household members. Cars rented or leased for one month or more; police and government cars kept at home; and company vans and trucks of one-ton capacity or less are also included if kept at home and used for nonbusiness purposes. Dismantled cars; immobile cars used as a source of power for some piece of machinery; and vans and trucks kept at home but used only for business purposes are excluded. The statistics do not reflect the number of vehicles privately owned or the number of households owning vehicles.

**Telephone in Housing Unit**—A unit is classified as having a telephone if there is a telephone in the living quarters. Units where the respondent uses a telephone located inside the building but not in the respondent's living quarters are classified as having no telephone.

**Fuels Used for House Heating, Water Heating, and Cooking**—"Utility gas" is gas piped through underground pipes from a central system that serves the

neighborhood. "Bottled, tank, or LP gas" is stored in tanks which are refilled or exchanged when empty. "Fuel oil, kerosene, etc." includes fuel oil, kerosene, gasoline, alcohol, and other combustible liquids. For data on house heating fuel, the category "Other fuel" includes any other fuel such as purchased steam, coal dust, briquettes made of pitch and sawdust, waste materials such as corncobs, etc. For data on water heating fuel, the category "Other" also includes coal or coke, and wood. For data on cooking fuel, the category "Other" includes fuel oil, kerosene, coal or coke, wood, as well as coal dust, briquettes, etc.

## Financial Characteristics

**Value**—Value is the respondent's estimate of how much the property (house and lot) would sell for, if it were for sale. Value data are presented for "specified owner-occupied" housing units, which are limited to owner-occupied one-family houses on less than 10 acres without a commercial establishment or medical office on the property. Mobile homes, trailers, boats, tents, or vans occupied as a usual residence, and owner-occupied noncondominium units in multifamily buildings are excluded from the value tabulations. Value was collected for condominium housing units, but such units are excluded from the table showing value in this report.

Medians for value are rounded to the nearest hundred dollar. If the median falls in the category "Less than \$10,000," it is shown as "\$10,000-." If the median falls in the category "\$200,000 or more," it is shown as "\$200,000+."

**Mortgage Status and Selected Monthly Owner Costs**—The data are presented for "specified owner-occupied" housing units. These "specified" housing units include only one-family houses on less than 10 acres without a commercial establishment or medical office on the property. The data exclude owner-occupied condominium housing units, mobile homes, trailers, boats, tents, or vans occupied as a usual residence as well as owner-occupied noncondominium units in multifamily buildings. Selected monthly owner costs is the sum of payments for mortgages, deeds of trust, or similar debts

on the property; real estate taxes; fire and hazard insurance on the property; utilities (electricity, gas, and water); and fuels (oil, coal, kerosene, wood, etc.).

In this report, separate distributions and medians for selected monthly owner costs are shown for specified owner-occupied housing units "With a mortgage" and for specified owner-occupied housing units "Not mortgaged." Medians for selected monthly owner costs are rounded to the nearest dollar.

**Contract Rent**—Contract rent is the monthly rent agreed to, or contracted for, regardless of any furnishings, utilities, or services that may be included. The statistics on rent are tabulated for "specified renter-occupied" housing units which include renter-occupied housing units except one-family houses on 10 or more acres.

Medians for contract rent are rounded to the nearest dollar. In computing median contract rent, units reported as "no cash rent" are excluded. If the median falls in the category "Less than \$50," it is shown as "\$50-." If the median falls in the category "\$500 or more," it is shown as "\$500+."

**Gross Rent**—The statistics on rent are tabulated for "specified renter-occupied" housing units which include renter-occupied housing units except one-family houses on 10 or more acres. The computed rent termed "gross rent" is the contract rent plus the estimated average monthly cost of utilities (electricity, gas, and water) and fuels (oil, coal, kerosene, wood, etc.) if these are paid for by the renter (or paid for the renter by someone else) in addition to rent. Gross rent is intended to eliminate differentials which result from varying practices with respect to the inclusion of utilities and fuels as part of the rental payment. The estimated costs of water and fuels are reported on a yearly basis but are converted to monthly figures in the computation process. Renter units occupied without payment of cash rent are shown separately as "No cash rent" in the rent tabulations.

This report presents data on medians for gross rent rounded to the nearest dollar. In computing median gross rent, units reported as "No cash rent" are excluded.



## Appendix C.—General Enumeration and Processing Procedures

|                                                            |     |
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### USUAL PLACE OF RESIDENCE

In accordance with census practice dating back to the first U.S. census in 1790, each person enumerated in the 1980 census was counted as an inhabitant of his or her "usual place of residence," which is generally construed to mean the place where the person lives and sleeps most of the time. This place is not necessarily the same as the person's legal residence or voting residence. In the vast majority of cases, however, the use of these different bases of classification would produce substantially the same statistics, although there might be appreciable differences for a few areas.

The implementation of this practice has resulted in the establishment of residence rules for certain categories of persons whose usual place of residence is not immediately apparent. Furthermore, this practice means that persons were not always counted as residents of the place where they happened to be staying on Census Day (April 1). Persons without a usual place of residence, however, were counted where they happened to be staying.

#### Armed Forces

Members of the Armed Forces living on a military installation were counted, as in every previous census, as residents of the area in which the installation was located; members of the Armed Forces not living on a military installation were counted as residents of the area in which

they were living. Family members of Armed Forces personnel were counted where they were living on Census Day (i.e., with the Armed Forces personnel or at another location, as the case might be).

Each Navy ship was attributed to the municipality that the Department of the Navy designated as its homeport, except for those ships which were deployed to the 6th or 7th Fleet on Census Day. As was done in the 1970 census, naval personnel aboard deployed ships were defined in the 1980 census as part of the overseas population, because deployment to the 6th or 7th Fleet implies a long-term overseas assignment.

In homeports with fewer than 1,000 naval personnel assigned to ships, the crews were counted aboard the ship. In homeports with 1,000 or more naval personnel assigned to ships, the naval personnel who indicated that they had a usual residence within 50 miles of the homeport of their ship were attributed to that residence.

When a homeport designated by the Navy was contained in more than one municipality, ships homeported and berthed there on Census Day were assigned by the Bureau of the Census to the municipality in which the land immediately adjacent to the dock or pier was actually located. Other ships attributed by the Navy to that homeport, but which were not physically present and not deployed to the 6th or 7th Fleet on Census Day, were allocated to the municipality named on the Navy's homeport list.

#### Crews of Merchant Vessels

Shipboard Census Reports were mailed to crews of merchant vessels through the ships' respective owner-operators based on lists of U.S. flag merchant vessels obtained from the Maritime Administration, U.S. Department of Commerce.

If the ship was berthed in a U.S. port on Census Day, the crew was enumerated as of that port. If the ship was

not berthed in a U.S. port but was inside the territorial waters of the United States, the crew was enumerated as of (a) the port of destination if that port was inside the United States or (b) the homeport of the ship if its port of destination was outside the United States. Crews of U.S. flag vessels which were outside U.S. territorial waters on Census Day and crews of vessels flying a foreign flag were not enumerated in the 1980 census.

#### Persons Away at School

College students were counted as residents of the area in which they were living while attending college, as they have been since 1950. However, children in boarding schools below the college level were counted at their parental home.

#### Persons in Institutions

Inmates of institutions, who ordinarily live there for considerable periods of time, were counted as residents of the area where the institution was located. Patients in short-term wards (general, maternity, etc.) of hospitals were counted at their usual place of residence; if they had no usual place of residence, they were counted at the hospital.

#### Persons Away From Their Residence on Census Day

Persons in hotels, motels, etc., on the night of March 31, 1980, were requested to fill out a census form for assignment of their census information back to their homes if they indicated that no one was at home to report them in the census. A similar approach was used for persons visiting in private residences, as well as for Americans who left the United States during March 1980 via major intercontinental air or ship carriers for temporary travel abroad. In addition, information on persons away from their usual place of residence was obtained from other members of their families, resident managers, neighbors, etc. If an entire household was expected to be



away during the whole period of the enumeration, information on that household was obtained from neighbors. A matching process was used to eliminate duplicate reports for persons who reported for themselves while away from their usual residence and who were also reported at this usual residence by someone else.

A special enumeration was conducted in such facilities as missions, flophouses, jails, detention centers, etc., on the night of April 6, 1980, and persons enumerated therein were counted as residents of the area in which the establishment was located.

### Americans Abroad

Americans who were overseas for an extended period (in the Armed Forces, working at civilian jobs, studying in foreign universities, etc.) were not included in the population of any State or the District of Columbia. On the other hand, Americans who were temporarily abroad on vacations, business trips, and the like were counted at their usual residence in the United States.

### Citizens of Foreign Countries

Citizens of foreign countries having their usual residence (legally or illegally) in the United States on Census Day, including those working here (but not living at an embassy, ministry, legation, chancellery, or consulate) and those attending school (but not living at an embassy, etc.), were included in the enumeration, as were members of their families living with them. However, citizens of foreign countries temporarily visiting or traveling in the United States or living on the premises of an embassy, etc., were not enumerated in the 1980 census.

### DATA COLLECTION PROCEDURES

The 1980 census was conducted primarily through self-enumeration. A census questionnaire was delivered by postal carriers to every housing unit several days before Census Day, April 1, 1980. This questionnaire included explanatory information and was accompanied by an instruction guide. Spanish-language versions of the questionnaire and instruction guide were available on request. The questionnaire

was also available in narrative translation in 32 languages.

In most areas of the United States, altogether containing about 95 percent of the population, the householder was requested to fill out and mail back the questionnaire on Census Day. Approximately 83 percent of these households returned their forms by mail. Households that did not mail back a form and vacant housing units were visited by an enumerator. Households that returned a form with incomplete or inconsistent information that exceeded a specified tolerance were contacted by telephone or, if necessary, by a personal visit, to obtain the missing information.

In the remaining (mostly sparsely settled) area of the country, which contained about 5 percent of the population, the householder was requested to fill out the questionnaire and hold it until visited by an enumerator. Incomplete and unfilled forms were completed by interview during the enumerator's visit. Vacant units were enumerated by a personal visit and observation.

Each housing unit in the country received one of two versions of the census questionnaire: a short-form questionnaire containing a limited number of basic population and housing questions or a long-form questionnaire containing these basic questions as well as a number of additional questions. A sampling procedure was used to determine those units which were to receive the long-form questionnaire. Two sampling rates were employed. For most of the country, one in every six housing units (about 17 percent) received the long form or sample questionnaire; in counties, incorporated places and minor civil divisions estimated to have fewer than 2,500 inhabitants, every other housing unit (50 percent) received the sample questionnaire to enhance the reliability of sample data in small areas.

Special questionnaires were used for the enumeration of persons in group quarters such as colleges and universities, hospitals, prisons, military installations, and ships. These forms contained the population questions but did not include any housing questions. In addition to the regular census questionnaires, the Supplementary Questionnaire for American Indians was used in conjunction with the short form on Federal and State reservations and in the historic areas of

Oklahoma (excluding urbanized areas) for households that had at least one American Indian, Eskimo, or Aleut household member.

### PROCESSING PROCEDURES

The 1980 census questionnaires were processed in a manner similar to that for the 1970 and 1960 censuses. They were designed to be processed electronically by the Film Optical Sensing Device for Input to Computer (FOSDIC). For most items on the questionnaire, the information supplied by the respondent or obtained by the enumerator was indicated by marking the answers in predesignated positions that would be "read" by FOSDIC from a microfilm copy of the questionnaire and transferred onto computer tape with no intervening manual processing. The computer tape did not include information on individual names and addresses.

The data processing was performed in two stages. For 100-percent data, all short forms, and pages 2 and 3 of the long forms (which have the same questions as the short form), were microfilmed, "read" by FOSDIC, and transferred onto computer tape for tabulation. For the sample data, the long form (or sample) questionnaires were processed through manual coding operations since some questions required the respondent to provide write-in entries which could not be read by FOSDIC. Census Bureau coders assigned alphabetical or numerical codes to the write-in answers in FOSDIC readable code boxes on each questionnaire. After all coding was completed, the long forms were microfilmed, and the film was "read" by FOSDIC and transferred onto computer tape.

The tape containing the information from the questionnaires was processed on the Census Bureau's computers through a number of editing and tabulation steps. Among the products of this operation were computer tapes from which the tables in this report (and most others in the 1980 census publications) were prepared on phototypesetting equipment at the Government Printing Office.

A more detailed description of the data collection and processing procedures can be obtained from the 1980 Census of Population and Housing, *Users' Guide*, PHC80-R1.

## Appendix D.—Accuracy of the Data

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### INTRODUCTION

The data presented in tables 1 and 2 of this publication are based upon complete-count data and the data tabulated in tables 3 through 11 are based on the 1980 census sample. The data in tables 3 through 11 are estimates of the actual figures that would have resulted from a complete count. Estimates can be expected to vary from the complete-count result, because they are subject to two basic types of error—sampling and nonsampling. The sampling error in the data arises from the selection of persons and housing units to be included in the sample. The nonsampling error is the result of all other errors that may occur during the collection and processing phases of the census. Nonsampling error, therefore, affects both the complete-count data in tables 1 and 2 and the sample data in tables 3 through 11. A more detailed discussion of both sampling and nonsampling error and a description of the estimation procedure are given in this appendix.

### SAMPLE DESIGN

While every person and housing unit in the United States was enumerated on a questionnaire that requested certain basic demographic information (e.g., age, race, relationship), a sample of persons and housing units was enumerated on a questionnaire that requested additional information. The basic sampling unit for the 1980 census was the housing unit, including all occupants. For persons living in group quarters, the sampling unit was the person. Two sampling rates were employed. In incorporated places and minor civil divisions estimated to have fewer than 2,500 persons (based on pre-census estimates), one-half of all housing units and persons in group quarters were to be included in the sample. In all other places, one-sixth of the housing units or persons in group quarters were sampled. The purpose of this scheme was to provide relatively more reliable estimates for small places. When both sampling rates were taken into account across the Nation, approximately 19 percent of the Nation's housing units were included in the census sample.

The sample designation method depended on the data collection procedures. In about 95 percent of the country, the census was taken by the mailout/mailback procedure. For these areas, the Bureau of the Census either purchased a commercial mailing list which was updated and corrected by Census Bureau field staff, or prepared a mailing list by canvassing and listing each address in the area prior to Census Day. These lists were computerized and every sixth unit (for 1-in-6 areas) or every second unit (for 1-in-2 areas) was designated as a sample unit by computer. Both of these lists were also corrected by the Post Office.

In non-mailout/mailback areas, a blank listing book with designated sample lines (every sixth or every second line) was

prepared for the enumerator. Beginning about Census Day, the enumerator systematically canvassed the area and listed all housing units in the listing book in the order they were encountered. Completed questionnaires, including sample information for any housing unit which was listed on a designated sample line, were collected.

In both types of data collection procedure areas, an enumerator was responsible for a small geographic area known as an enumeration district, or ED. An ED usually represented the average workload area for one enumerator.

In order to reduce the cost of processing, a scheme was designed, while the sample questionnaires were being processed, to select a sample of questionnaires on which the place of work and migration data items would be coded. The sample questionnaires were processed by work units consisting of 1980 census ED's. In work units (ED's) where the place of work and migration data items had not yet been coded, every other sample questionnaire within the work unit was selected for these coding operations. In work units where the place of work and migration data items already had been coded, all sample questionnaires were included in the tabulation.

### ERRORS IN THE DATA

Since the data in tables 3 through 11 in this publication are based on a sample, they may differ somewhat from complete-count figures that would have been obtained if all housing units, persons within those housing units, and persons living in group quarters had been enumerated using the same questionnaires, instructions, enumerators, etc. The estimates in tables 3 through 11 would also differ from other samples of housing units, persons within those housing units, and persons living in group quarters. The deviation of



a sample estimate from the average of all possible samples is called the sampling error. The standard error of a survey estimate is a measure of the variation among the estimates from the possible samples and thus is a measure of the precision with which an estimate from a particular sample approximates the average result of all possible samples. The sample estimate and its estimated standard error permit the construction of interval estimates with prescribed confidence that the interval includes the average result of all possible samples. The method of calculating standard errors and confidence intervals for the data in this report is given below.

In addition to the variability which arises from the sampling procedures, both sample data and complete-count data are subject to nonsampling error. Nonsampling error may be introduced during each of the many extensive and complex operations used to collect and process census data. For example, operations such as editing, reviewing, or handling questionnaires may introduce error into the data. A more detailed discussion of the sources of nonsampling error is given in the section on "Control of Nonsampling Errors" in this appendix.

Nonsampling error may affect the data in two ways. Errors that are introduced randomly will increase the variability of the data and should therefore be reflected in the standard error. Errors that tend to be consistent in one direction will make both sample and complete-count data biased in that direction. For example, if respondents consistently tend to under-report their income, then the resulting counts of households or families by income category will be skewed toward the lower income categories. Such biases are not reflected in the standard error.

### Calculation of Standard Errors

**Totals and Percentages**—Tables A through D in this appendix contain the information necessary to calculate the standard errors of sample estimates in this report. In order to perform this calculation, it is necessary to know the unadjusted standard error for the characteristic, given in table A or B, that would result under a simple random sample design (of persons, families or housing units) and estimation technique; the adjustment factor for the

particular characteristic estimated, given in table C; and the number of persons or housing units in the tabulation area and the percent of these in sample given in table D. The adjustment factors reflect the effects of the actual sample design and complex ratio estimation procedure used for the 1980 census.

To calculate the approximate standard error of an estimate, follow the steps given below:

- Obtain the unadjusted standard error from table A or B (or from the formula given below the table) for the estimated total or percentage, respectively;
- Find the geographic area or congressional district with which you are working in table D and obtain the person or housing unit "percent in sample" figure for this area. Use the person "percent in sample" figure for person and family characteristics and the housing unit figure for housing unit characteristics.
- Use table C to obtain the factor for the characteristic (e.g., labor force status, school enrollment) and the range that contains the percent in sample with which you are working. Multiply the unadjusted standard error by this factor. If the estimate is a cross-tabulation of more than one characteristic, use the largest factor.

As is evident from the formulas below tables A and B, the unadjusted standard errors of zero estimates or of very small estimated totals or percentages approach zero. This is also the case for very large percentages or estimated totals that are close to the size of the tabulation areas to which they correspond. These estimated totals and percentages are, nevertheless, still subject to sampling and nonsampling variability, and an estimated standard error of zero (or a very small standard error) is not appropriate.

For estimated percentages that are less than 2 or greater than 98, use the *unadjusted* standard errors in table B that appear in the "2" or "98" row. For an estimated total that is less than 50 or within 50 of the total size of the tabulation area, use an *unadjusted* standard error of 16.

**Differences**—The standard errors estimated from these tables are not directly applicable to differences between two sample estimates. In order to estimate the standard error of a difference, the tables are to be used somewhat differently in the following three situations:

- For the difference between a sample estimate and a complete-count value, use the standard error of the sample estimate.
- For the difference between (or sum of) two sample estimates, the appropriate standard error is approximately the square root of the sum of the two individual standard errors squared; that is, for standard errors  $Se_x$  and  $Se_y$  of estimates  $x$  and  $y$ :

$$Se_{(x+y)} = Se_{(x-y)} = \sqrt{(Se_x)^2 + (Se_y)^2}$$

This method, however, will underestimate (overestimate) the standard error if the two items in a sum are highly positively (negatively) correlated or if the two items in a difference are highly negatively (positively) correlated. This method may also be used for the difference between (or sum of) sample estimates from two censuses or between a census sample and another survey. The standard error for estimates not based on the 1980 census sample must be obtained from an appropriate source outside of this publication.

- For the difference between two estimates, one of which is a subclass of the other, use the tables directly where the calculated difference is the estimate of interest.

**Means**—The standard error of a mean depends upon the variability of the distribution on which the mean is based, the size of the sample, the sample design (for example, the use of households as a sampling unit), and the estimation procedure used.

An approximation to the standard error of the mean may be obtained as follows: compute the variance of the distribution on which the mean is based; multiply this value by five and divide the product by the total count of units in the distribution; obtain the square root



of this quotient and multiply the result by the adjustment factor from table C that is appropriate for the characteristic on which the mean is based.

**Medians**—For the standard error of a median of a characteristic it is necessary to examine the distribution from which the median is derived, as the size of the base and the distribution itself affect the standard error. An approximate method is given here. As the first step, compute one-half of the number on which the median is based (refer to this result as  $N/2$ ). Treat  $N/2$  as if it were an ordinary estimate and obtain its standard error as instructed above using tables A, C, and D. Compute the desired confidence interval about  $N/2$ . Starting with the lowest value of the characteristic, cumulate the frequencies in each category of the characteristic until the sum equals or first exceeds the lower limit of the confidence interval about  $N/2$ . By linear interpolation, obtain a value of the characteristic corresponding to this sum. This is the lower limit of the confidence interval of the median. In a similar manner, cumulate frequencies starting from the highest value of the characteristic until the sum equals or exceeds the count in excess of the upper limit of the interval about  $N/2$ . Interpolate as before to obtain the upper limit of the confidence interval for the estimated median.

### Confidence Intervals

A sample estimate and its estimated standard error may be used to construct confidence intervals about the estimate. These intervals are ranges that will contain the average value of the estimated characteristic that results over all possible samples, with a known probability. For example, if all possible samples that could result under the 1980 census sample design were independently selected and surveyed under the same conditions, and if the estimate and its estimated standard error were calculated for each of these samples, then:

- (1) Approximately 68 percent of the intervals from one estimated standard error below the estimate to one estimated standard error above the estimate would contain the average result from all possible samples; and

- (2) Approximately 95 percent of the intervals from two estimated standard errors below the estimate to two estimated standard errors above the estimate would contain the average result from all possible samples.

The intervals are referred to as 68 percent and 95 percent confidence intervals, respectively.

The average value of the estimated characteristic that could be derived from all possible samples is or is not contained in any particular computed interval. Thus, we cannot make the statement that the average value has a certain probability of falling between the limits of the calculated confidence interval. Rather, one can say with a specified probability or confidence that the calculated confidence interval includes the average estimate from all possible samples (approximately the complete-count value).

Confidence intervals may also be constructed for the difference between two sample figures. This is done by computing the difference between these figures, obtaining the standard error of the difference (using the formula given earlier) and then forming a confidence interval for this estimated difference as above. One can then say with specified confidence that this interval includes the difference that would have been obtained by averaging the results from all possible samples.

The estimated standard errors given in this report do not include all portions of the variability due to nonsampling error that may be present in the data.

The standard errors reflect the effect of simple response variance, but not the effect of correlated errors introduced by enumerators, coders, or other field or processing personnel. Thus, the standard errors calculated represent a lower bound of the total error. As a result, confidence intervals formed using these estimated standard errors may not meet the stated levels of confidence (i.e., 68 or 95 percent). Thus, some care must be exercised in the interpretation of the data in this publication based on the estimated standard errors.

For more information on confidence intervals and nonsampling error see any standard sampling theory text.

### Use of Tables To Compute Standard Errors

See appendix D of PHC80-3, *Summary Characteristics for Governmental Units and Standard Metropolitan Statistical Areas* or PC80-1-C, *General Social and Economic Characteristics*, for examples showing the computation of standard errors and the formation of confidence intervals.

## ESTIMATION PROCEDURES

The estimates which appear in this publication were obtained from an iterative ratio estimation procedure which resulted in the assignment of a weight to each sample person or housing unit record. For any given tabulation area, a characteristic total was estimated by summing the weights assigned to the persons or housing units in the tabulation area which possessed the characteristic. Estimates of family characteristics were based on the weights assigned to the family members designated as householders. Each sample person or housing unit record was assigned exactly one weight to be used to produce estimates of all characteristics. For example, if the weight given to a sample person or housing unit had the value five, all characteristics of that person or housing unit would be tabulated with a weight of five. The estimation procedure, however, did assign weights which vary from person to person or housing unit to housing unit.

The estimation procedure used to assign the weights was performed in geographically defined "weighting areas." Weighting areas were generally formed of adjoining portions of geography, which closely agreed with census tabulation areas within counties. Weighting areas were required to have a minimum sample of 400 persons. Weighting areas were never allowed to cross state or county boundaries. In small counties with a sample count of less than 400 persons, the minimum required sample condition was relaxed to permit the entire county to become a weighting area.

Within a weighting area, the ratio estimation procedure for persons was performed in three stages. For persons the first stage employed 17 household type groups. The second stage used two groups: householders and non-house-



holders. The third stage could potentially use 160 age-sex-race-Spanish origin groups. The stages were as follows:

### PERSONS

#### Stage I—Type of Household

##### Group *Persons in Housing Units With a Family With Own Children Under 18.*

- |   |                                   |
|---|-----------------------------------|
| 1 | 2 persons in housing unit         |
| 2 | 3 persons in housing unit         |
| 3 | 4 persons in housing unit         |
| 4 | 5 to 7 persons in housing unit    |
| 5 | 8 or more persons in housing unit |

##### *Persons in Housing Units With a Family Without Own Children Under 18.*

- |      |                                                                     |
|------|---------------------------------------------------------------------|
| 6-10 | 2 persons in housing unit through 8 or more persons in housing unit |
|------|---------------------------------------------------------------------|

##### *Persons in All Other Housing Units*

- |       |                                                                     |
|-------|---------------------------------------------------------------------|
| 11    | 1 person in housing unit                                            |
| 12-16 | 2 persons in housing unit through 8 or more persons in housing unit |
| 17    | <i>Persons in Group Quarters</i>                                    |

#### Stage II—Householder/Nonhouseholder

##### Group

- |   |                                                       |
|---|-------------------------------------------------------|
| 1 | Householder                                           |
| 2 | Non-householder (including persons in group quarters) |

#### Stage III—Age/Sex/Race/Spanish Origin

##### Group

##### *White Race*

##### *Persons of Spanish Origin Male*

- |   |                          |
|---|--------------------------|
| 1 | 0 to 4 years of age      |
| 2 | 5 to 14 years of age     |
| 3 | 15 to 19 years of age    |
| 4 | 20 to 24 years of age    |
| 5 | 25 to 34 years of age    |
| 6 | 35 to 44 years of age    |
| 7 | 45 to 64 years of age    |
| 8 | 65 years of age or older |

##### *Female*

- |      |                                      |
|------|--------------------------------------|
| 9-16 | Same age categories as groups 1 to 8 |
|------|--------------------------------------|

##### *Persons Not of Spanish Origin*

- |       |                                               |
|-------|-----------------------------------------------|
| 17-32 | Same age and sex categories as groups 1 to 16 |
|-------|-----------------------------------------------|

##### *Black Race*

- |       |                                                          |
|-------|----------------------------------------------------------|
| 33-64 | Same age-sex-Spanish origin categories as groups 1 to 32 |
|-------|----------------------------------------------------------|

##### *Asian, Pacific Islander Race*

- |       |                                                          |
|-------|----------------------------------------------------------|
| 65-96 | Same age-sex-Spanish origin categories as groups 1 to 32 |
|-------|----------------------------------------------------------|

##### *Indian (American) or Eskimo or Aleut Race*

- |        |                                                          |
|--------|----------------------------------------------------------|
| 97-128 | Same age-sex-Spanish origin categories as groups 1 to 32 |
|--------|----------------------------------------------------------|

##### *Other Race (includes those races not listed above)*

- |         |                                                          |
|---------|----------------------------------------------------------|
| 129-160 | Same age-sex-Spanish origin categories as groups 1 to 32 |
|---------|----------------------------------------------------------|

Within a weighting area, the first step in the estimation procedure was to assign each sample person record an initial weight. This weight was approximately equal to the inverse of the probability of selecting a person for the census sample.

The next step in estimation procedure was to combine, if necessary, the groups in each of the three stages prior to the repeated ratio estimation in order to increase the reliability of the ratio estimation procedure. For the first and second stages, any group that did not meet certain criteria concerning the unweighted sample count or the ratio of the complete count to the initially weighted sample count was combined or collapsed with another group in the same stage according to a specified collapsing pattern. At the third stage, the "other" race category was collapsed with the "White" race category before the above collapsing criteria as well as an additional criterion concerning the number of complete-count persons in each category were applied.

As the final step, the initial weights underwent three stages of ratio adjustment which used the groups listed above. At the first stage, the ratio of the complete census count to the sum of the initial weights for each sample person was computed for each stage I group. The initial weight assigned to each person in a group was then multiplied by the stage I group ratio to produce an adjusted

weight. In stage II, the stage I adjusted weights were again adjusted by the ratio of the complete census count to the sum of the stage I weights for sample persons in each stage II group. Finally, the stage II weights were adjusted at stage III by the ratio of the complete census count and the sum of the stage II weights for sample persons in each stage III group. The three stages of adjustment were performed twice (two iterations) in the order given above. The weights obtained from the second iteration for stage III were assigned to the sample person records. However, to avoid complications in rounding for tabulated data, only whole number weights were assigned. For example, if the final weight for the persons in a particular group was 7.2, then one-fifth of the sample persons in this group were randomly assigned a weight of 8 and the remaining four-fifths received a weight of 7.

Separate weights were derived for tabulating the place of work and migration data items. The weights were obtained by adjusting the weight derived above for persons on questionnaires selected for coding by the reciprocal of the ED coding rate and a ratio adjustment to ensure that the sum of the weights and the complete count total population figure would agree.

The ratio estimation procedure for housing units was essentially the same as that for persons. The major difference was that the occupied housing unit ratio estimation procedure was done in two stages and the vacant housing unit ratio estimation procedure was done in one stage. The first stage for occupied housing units employed 16 household type categories and the second stage could potentially use 190 tenure-race-Spanish origin-value/rent groups. For vacant housing units three groups were utilized. The stages for the ratio estimation for housing units were as follows:

### OCCUPIED HOUSING UNITS

#### Stage I—Type of Household

##### Group

##### *Housing Units With a Family With Own Children Under 18*

- |   |                           |
|---|---------------------------|
| 1 | 2 persons in housing unit |
| 2 | 3 persons in housing unit |
| 3 | 4 persons in housing unit |

|       |                                      |        |                               |
|-------|--------------------------------------|--------|-------------------------------|
| 4     | 5 to 7 persons in housing unit       | 83     | \$100 — \$149                 |
| 5     | 8 or more persons in housing unit    | 84     | \$150 — \$199                 |
|       |                                      | 85     | \$200 — \$249                 |
|       | <i>Housing Units With a Family</i>   | 86     | \$250 — \$299                 |
|       | <i>Without Own Children Under 18</i> | 87     | \$300 — \$399                 |
| 6-10  | 2 persons in housing unit            | 88     | \$400 — \$499                 |
|       | through 8 or more persons            | 89     | \$500 +                       |
|       | in housing unit                      | 90     | Other Renter                  |
|       | <i>All Other Housing Units</i>       | 91     | No Cash Rent                  |
| 11    | 1 person in housing unit             |        | <i>Persons Not of Spanish</i> |
| 12-16 | 2 persons in housing unit            |        | <i>Origin</i>                 |
|       | through 8 or more persons            | 92-102 | Same rent categories as       |
|       | in housing unit                      |        | groups 81 to 91               |

## Stage II—Tenure/Race and Origin of Householder/Value or Rent

### Group Owner

#### *White Race (householder)* *Persons of Spanish Origin* *(householder)* *Value of House*

|   |                       |
|---|-----------------------|
| 1 | \$ 0 — \$ 9,999       |
| 2 | \$ 10,000 — \$ 19,999 |
| 3 | \$ 20,000 — \$ 24,999 |
| 4 | \$ 25,000 — \$ 49,999 |
| 5 | \$ 50,000 — \$ 99,999 |
| 6 | \$100,000 — \$149,999 |
| 7 | \$150,000 +           |
| 8 | Other Owners          |

#### *Persons Not of Spanish* *Origin*

|      |                                        |
|------|----------------------------------------|
| 9-16 | Same value categories as groups 1 to 8 |
|------|----------------------------------------|

|       |                                                                             |
|-------|-----------------------------------------------------------------------------|
| 17-32 | <i>Black Race</i><br>Same value—Spanish origin categories as groups 1 to 16 |
|-------|-----------------------------------------------------------------------------|

|       |                                                                                               |
|-------|-----------------------------------------------------------------------------------------------|
| 33-48 | <i>Asian, Pacific Islander Race</i><br>Same value—Spanish origin categories as groups 1 to 16 |
|-------|-----------------------------------------------------------------------------------------------|

|       |                                                                                                            |
|-------|------------------------------------------------------------------------------------------------------------|
| 49-64 | <i>Indian (American) or Eskimo or Aleut Race</i><br>Same value—Spanish origin categories as groups 1 to 16 |
|-------|------------------------------------------------------------------------------------------------------------|

|       |                                                                                                                     |
|-------|---------------------------------------------------------------------------------------------------------------------|
| 65-80 | <i>Other Race (includes those races not listed above)</i><br>Same Value—Spanish origin categories as groups 1 to 16 |
|-------|---------------------------------------------------------------------------------------------------------------------|

### Renter

#### *White Race (persons of* *Spanish origin)* *Rent Categories*

|    |               |
|----|---------------|
| 81 | \$ 1 — \$ 59  |
| 82 | \$ 60 — \$ 99 |

### *Black Race*

|         |                                                         |
|---------|---------------------------------------------------------|
| 103-124 | Same rent—Spanish origin categories as groups 81 to 102 |
|---------|---------------------------------------------------------|

### *Asian, Pacific Islander Race*

|         |                                                         |
|---------|---------------------------------------------------------|
| 125-146 | Same rent—Spanish origin categories as groups 81 to 102 |
|---------|---------------------------------------------------------|

### *Indian (American) or Eskimo or Aleut Race*

|         |                                                         |
|---------|---------------------------------------------------------|
| 147-168 | Same rent—Spanish origin categories as groups 81 to 102 |
|---------|---------------------------------------------------------|

### *Other Race (includes those not listed above)*

|         |                                                         |
|---------|---------------------------------------------------------|
| 169-190 | Same rent—Spanish origin categories as groups 81 to 102 |
|---------|---------------------------------------------------------|

## VACANT HOUSING UNITS

### Group

|   |                        |
|---|------------------------|
| 1 | <i>Vacant for Rent</i> |
| 2 | <i>Vacant for Sale</i> |
| 3 | <i>Other Vacant</i>    |

The estimates produced by this procedure realize some of the gains in sampling efficiency that would have resulted if the population had been stratified into the ratio estimation groups before sampling, and the sampling rate had been applied independently to each group. The net effect is a reduction in both the standard error and the possible bias of most estimated characteristics to levels below what would have resulted from simply using the initial (unadjusted) weight. A by-product of this estimation procedure is that the estimates from the sample will, for the most part, be consistent with the complete-count figures for the population and housing unit groups used in the estimation procedure.

## CONTROL OF NONSAMPLING ERROR

As mentioned above, nonsampling error is present in both sample and complete-count data. If left unchecked, this error could introduce serious bias into the data, the variability of which could increase dramatically over that which would result purely from sampling. While it is impossible to completely eliminate nonsampling error from an operation as large and complex as the 1980 census, the Bureau of the Census attempted to control the sources of such error during the collection and processing operations. The primary sources of nonsampling error and the programs instituted for control of this error are described below. The success of these programs, however, was contingent upon how well the instructions were actually carried out during the census. To the extent possible, both the effects of these programs and the amount of error remaining after their application will be evaluated.

**Undercoverage**—It is possible for some households or persons to be entirely missed by the census. This undercoverage of persons and housing units can introduce biases into the data. Several extensive programs were developed to focus on this important problem.

- The Postal Service reviewed mailing lists and reported housing unit addresses which were missing, undeliverable, or duplicated in the listings.
- The purchased commercial mailing list was updated and corrected by a complete field review of the list of housing units during a prec canvass operation.
- A record check was performed to reduce the undercoverage of individual persons in selected areas. Independent lists of persons, such as driver's license holders, were matched with the household rosters in the census listings. Persons not matched to the census rosters were followed up and added to the census counts if they were found to have been missed.
- A recheck of units initially classified as vacant or nonexistent was utilized to further reduce the undercoverage of persons.

More extensive discussions of programs developed to reduce undercoverage will be published as the analyses of those programs are completed.



**Respondent and Enumeration Error**—The person answering the questionnaire or responding to the questions posed by an enumerator could serve as a source of error by offering incorrect or incomplete information. To reduce this source of error, questions were phrased as clearly as possible based on precensus tests and detailed instructions for completing the questionnaire were provided to each household. In addition, respondents' answers were edited for completeness and consistency and followed up as necessary. For example, if labor force items were incomplete for a person 15 years or older, long-form field edit procedures would recognize the situation and a followup attempt to obtain the information would be made.

The enumerator may misinterpret or otherwise incorrectly record information given by a respondent; may fail to collect some of the information for a person or household; or may collect data for households that were not designated as part of the sample. To control these problems, the work of enumerators was carefully monitored. Field staff were prepared for their tasks by using standardized training packages which included experience in using census materials. A sample of the households interviewed by enumerators for nonresponse was reinterviewed to control for the possibility of data for fabricated persons being submitted by enumerators. Also, the estimation procedure was designed to control for biases that would result from the collection of data from households not designated for the sample.

**Processing Error**—The many phases of processing the census represent potential sources for the introduction of nonsampling error. The processing of the census questionnaires includes the field editing, followup, and transmittal of completed questionnaires; the manual coding of write-in responses; and the electronic data processing. The various field, coding and computer operations undergo a number of quality control checks to insure their accurate application.

**Nonresponse**—Nonresponse to particular questions on the census questionnaire allows for the introduction of bias into the data since the characteristics of the nonrespondents have not been observed,

and may differ from those reported by respondents. As a result, any allocation procedure using respondent data may not completely reflect this difference either at the element level (individual person or housing unit) or on the average. Some protection against the introduction of large biases is afforded by minimizing nonresponse. In the census, nonresponse was substantially reduced during the field operations by the various edit and followup operations aimed at obtaining a response for every question. Characteristics of the nonrespondents remaining after this operation were allocated by computer using reported data for a person or housing unit with similar characteristics. The allocation procedure is described in more detail below.

### EDITING OF UNACCEPTABLE DATA

The objective of the processing operation is to produce a set of statistics that describes the population as accurately and clearly as possible. To meet this objective, certain unacceptable entries were edited.

In the field, questionnaires were reviewed for omissions and certain inconsistencies by a census clerk or an enumerator and, if necessary, a followup was made to obtain missing information. In addition, a similar review of questionnaires was done in the central processing offices. As a rule, however, editing was performed by hand only when it could not be done effectively by machine.

As one of the first steps in editing, the configuration of marks on the questionnaire column was scanned electronically to determine whether it contained information for a person or merely spurious marks. If the column contained entries for at least two of the basic characteristics (relationship, sex, race, age, marital status, Spanish origin), the inference was made that the marks represented a person. In cases in which two or more basic characteristics were available for only a portion of the people in the unit, other information on the questionnaire provided by an enumerator was used to determine the total number of persons. Names were not used as criterion of the presence of a person because the electronic scanning did not distinguish any entry in the name space.

If any characteristics for a person were still missing when the questionnaires reached the central processing offices, they were supplied by allocation. Allocations, or assignments of acceptable codes in place of unacceptable entries, were needed most often when an entry for a given item was lacking or when the information reported for a person on that item was inconsistent with other information for the person. As in previous censuses, the general procedure for changing unacceptable entries was to assign an entry for a person that was consistent with entries for other persons with similar characteristics. Thus, a person who was reported as a 20-year-old son of the householder, but for whom marital status was not reported, was assigned the same marital status as that of the last son processed in the same age group. The assignment of acceptable codes in place of blanks or unacceptable entries, it is believed, enhances the usefulness of the data.

The editing process also includes another type of correction; namely, the assignment of a full set of characteristics for a person. When there was indication that a housing unit was occupied but the questionnaire contained no information for all or most of the people, although persons were known to be present, a previously processed household was selected as a substitute and the full set of characteristics for each substitute person was duplicated. These duplications fall into two classes: (1) "persons substituted for mechanical failure," e.g., when the questionnaire page on which persons were listed was not properly microfilmed, and (2) "persons substituted for noninterview," e.g., when a housing unit was indicated as occupied but the occupants were not listed on the questionnaire.

Specific tolerances were established for the number of computer allocations and substitutions that would be permitted. If the number of corrections was beyond tolerance, the questionnaires in which the errors occurred were clerically reviewed. If it was found that the errors resulted from damaged questionnaires, from improper microfilming, from faulty reading by FOSDIC of undamaged questionnaires, or from other types of machine failure, the questionnaires were reprocessed.

Table A. Unadjusted Standard Errors for Estimated Totals

[Based on a 1-in-6 simple random sample]

| Estimated<br>Total 1/ | Size of publication area 2/ |       |       |       |        |        |        |         |         |         |           |           |            |            |
|-----------------------|-----------------------------|-------|-------|-------|--------|--------|--------|---------|---------|---------|-----------|-----------|------------|------------|
|                       | 500                         | 1 000 | 2 500 | 5 000 | 10 000 | 25 000 | 50 000 | 100 000 | 250 000 | 500 000 | 1 000 000 | 5 000 000 | 10 000 000 | 25 000 000 |
| 50.....               | 16                          | 16    | 16    | 16    | 16     | 16     | 16     | 16      | 16      | 16      | 16        | 16        | 16         | 16         |
| 100.....              | 20                          | 21    | 22    | 22    | 22     | 22     | 22     | 22      | 22      | 22      | 22        | 22        | 22         | 22         |
| 250.....              | 25                          | 30    | 35    | 35    | 35     | 35     | 35     | 35      | 35      | 35      | 35        | 35        | 35         | 35         |
| 500.....              | -                           | 35    | 45    | 45    | 50     | 50     | 50     | 50      | 50      | 50      | 50        | 50        | 50         | 50         |
| 1 000.....            | -                           | -     | 55    | 65    | 65     | 70     | 70     | 70      | 70      | 70      | 70        | 70        | 70         | 70         |
| 2 500.....            | -                           | -     | -     | 80    | 95     | 110    | 110    | 110     | 110     | 110     | 110       | 110       | 110        | 110        |
| 5 000.....            | -                           | -     | -     | -     | 110    | 140    | 150    | 150     | 160     | 160     | 160       | 160       | 160        | 160        |
| 10 000.....           | -                           | -     | -     | -     | -      | 170    | 200    | 210     | 220     | 220     | 220       | 220       | 220        | 220        |
| 15 000.....           | -                           | -     | -     | -     | -      | 170    | 230    | 250     | 270     | 270     | 270       | 270       | 270        | 270        |
| 25 000.....           | -                           | -     | -     | -     | -      | -      | 250    | 310     | 340     | 350     | 350       | 350       | 350        | 350        |
| 75 000.....           | -                           | -     | -     | -     | -      | -      | -      | 310     | 510     | 570     | 590       | 610       | 610        | 610        |
| 100 000.....          | -                           | -     | -     | -     | -      | -      | -      | -       | 550     | 630     | 670       | 700       | 700        | 710        |
| 250 000.....          | -                           | -     | -     | -     | -      | -      | -      | -       | -       | 790     | 970       | 1 090     | 1 100      | 1 100      |
| 500 000.....          | -                           | -     | -     | -     | -      | -      | -      | -       | -       | -       | 1 120     | 1 500     | 1 540      | 1 570      |
| 1 000 000.....        | -                           | -     | -     | -     | -      | -      | -      | -       | -       | -       | -         | 2 000     | 2 120      | 2 190      |
| 5 000 000.....        | -                           | -     | -     | -     | -      | -      | -      | -       | -       | -       | -         | -         | 3 540      | 4 470      |
| 10 000 000...         | -                           | -     | -     | -     | -      | -      | -      | -       | -       | -       | -         | -         | -          | 5 480      |

<sup>1/</sup> For estimated totals larger than 10 000 000, the standard error is somewhat larger than the table values. The formula given below should be used to calculate the standard error.

$$Se(\hat{Y}) = \sqrt{5\hat{Y}(1-\frac{\hat{Y}}{N})}$$

N = Size of area

$\hat{Y}$  = Estimate of characteristic total

<sup>2/</sup> The total count of persons in the area if the estimated total is a person characteristic, or the total count of housing units in the area if the estimated total is a housing unit characteristic.

Table B. Unadjusted Standard Error in Percentage Points for Estimated Percentages

[Based on a 1-in-6 simple random sample]

| Estimated<br>Percentage | Base of percentage <sup>1/</sup> |     |       |       |       |       |       |        |        |        |         |         |         |  |
|-------------------------|----------------------------------|-----|-------|-------|-------|-------|-------|--------|--------|--------|---------|---------|---------|--|
|                         | 500                              | 750 | 1 000 | 1 500 | 2 500 | 5 000 | 7 500 | 10 000 | 25 000 | 50 000 | 100 000 | 250 000 | 500 000 |  |
| 2 or 98.....            | 1.4                              | 1.1 | 1.0   | 0.8   | 0.6   | 0.4   | 0.4   | 0.3    | 0.2    | 0.1    | 0.1     | 0.1     | 0.1     |  |
| 5 or 95.....            | 2.2                              | 1.8 | 1.5   | 1.3   | 1.0   | 0.7   | 0.6   | 0.5    | 0.3    | 0.2    | 0.2     | 0.1     | 0.1     |  |
| 10 or 90.....           | 3.0                              | 2.4 | 2.1   | 1.7   | 1.3   | 0.9   | 0.8   | 0.7    | 0.4    | 0.3    | 0.2     | 0.1     | 0.1     |  |
| 15 or 85.....           | 3.6                              | 2.9 | 2.5   | 2.1   | 1.6   | 1.1   | 0.9   | 0.8    | 0.5    | 0.4    | 0.3     | 0.2     | 0.1     |  |
| 20 or 80.....           | 4.0                              | 3.3 | 2.8   | 2.3   | 1.8   | 1.3   | 1.0   | 0.9    | 0.6    | 0.4    | 0.3     | 0.2     | 0.1     |  |
| 25 or 75.....           | 4.3                              | 3.5 | 3.1   | 2.5   | 1.9   | 1.4   | 1.1   | 1.0    | 0.6    | 0.4    | 0.3     | 0.2     | 0.1     |  |
| 30 or 70.....           | 4.6                              | 3.7 | 3.2   | 2.6   | 2.0   | 1.4   | 1.2   | 1.0    | 0.6    | 0.5    | 0.3     | 0.2     | 0.1     |  |
| 35 or 65.....           | 4.8                              | 3.9 | 3.4   | 2.8   | 2.1   | 1.5   | 1.2   | 1.1    | 0.7    | 0.5    | 0.3     | 0.2     | 0.2     |  |
| 50.....                 | 5.0                              | 4.1 | 3.5   | 2.9   | 2.2   | 1.6   | 1.3   | 1.1    | 0.7    | 0.5    | 0.4     | 0.2     | 0.2     |  |

<sup>1/</sup> For a percentage and/or base of percentage not shown in the table, the formula given below may be used to calculate the standard error.

$$Se(\hat{p}) = \sqrt{\frac{5}{B} \hat{p}(100-\hat{p})}$$

B = Base of estimated percentage

$\hat{p}$  = Estimated percentage



Table C. Standard Error Adjustment Factors

[Percent of persons or housing units in sample]

| Characteristic                                           | Less than<br>19 Percent | 19 to 33<br>Percent | More than<br>33 Percent |
|----------------------------------------------------------|-------------------------|---------------------|-------------------------|
| <b>POPULATION</b>                                        |                         |                     |                         |
| Urban and rural.....                                     | 1.0                     | 0.9                 | 0.5                     |
| Age, sex, race, and Spanish origin.....                  | 1.2                     | 1.1                 | 0.5                     |
| Household or family type.....                            | 1.1                     | 0.9                 | 0.5                     |
| Household relationship.....                              | 1.1                     | 1.0                 | 0.5                     |
| Household size.....                                      | 1.1                     | 1.0                 | 0.5                     |
| Marital status.....                                      | 0.9                     | 0.8                 | 0.4                     |
| Language usage and ability to speak<br>English.....      | 1.4                     | 1.3                 | 0.7                     |
| Ancestry.....                                            | 1.6                     | 1.5                 | 0.8                     |
| Type of group quarters.....                              | 0.8                     | 0.7                 | 0.4                     |
| Nativity and place of birth.....                         | 1.7                     | 1.6                 | 0.8                     |
| Residence in 1975.....                                   | 3.0                     | 3.0                 | 1.7                     |
| Means of transportation to work.....                     | 1.2                     | 1.1                 | 0.5                     |
| School enrollment.....                                   | 1.3                     | 1.2                 | 0.6                     |
| Years of school completed.....                           | 1.2                     | 1.1                 | 0.5                     |
| Veteran status.....                                      | 1.0                     | 0.9                 | 0.5                     |
| Work and public transportation<br>disability.....        | 1.1                     | 1.0                 | 0.5                     |
| Labor force status.....                                  | 1.1                     | 0.9                 | 0.5                     |
| Hours worked per week and weeks<br>worked in 1979.....   | 1.0                     | 0.9                 | 0.5                     |
| Unemployed in 1979.....                                  | 1.1                     | 1.0                 | 0.5                     |
| Industry and occupation.....                             | 1.1                     | 1.0                 | 0.5                     |
| Class of worker.....                                     | 1.2                     | 1.1                 | 0.6                     |
| Household income.....                                    | 1.1                     | 1.0                 | 0.5                     |
| Income type.....                                         | 1.1                     | 1.0                 | 0.5                     |
| Family income.....                                       | 1.1                     | 1.0                 | 0.5                     |
| Unrelated individual income.....                         | 1.1                     | 1.0                 | 0.5                     |
| Workers in family.....                                   | 1.2                     | 1.1                 | 0.6                     |
| Poverty status: Family.....                              | 1.1                     | 1.0                 | 0.5                     |
| Poverty status: Persons.....                             | 1.8                     | 1.8                 | 0.9                     |
| Poverty status: Unrelated individuals.....               | 1.1                     | 1.0                 | 0.5                     |
| <b>HOUSING</b>                                           |                         |                     |                         |
| Vacancy status.....                                      | 1.0                     | 0.9                 | 0.5                     |
| Tenure.....                                              | 1.1                     | 1.0                 | 0.5                     |
| Units in structure.....                                  | 1.1                     | 1.0                 | 0.5                     |
| Stories in structure.....                                | 0.9                     | 0.9                 | 0.5                     |
| Passenger elevator.....                                  | 0.9                     | 0.9                 | 0.5                     |
| Source of water.....                                     | 1.0                     | 0.9                 | 0.5                     |
| Sewage disposal.....                                     | 1.1                     | 1.0                 | 0.5                     |
| Year structure built.....                                | 1.0                     | 0.9                 | 0.5                     |
| Year householder moved into unit.....                    | 1.1                     | 1.0                 | 0.5                     |
| Heating equipment and fuel.....                          | 1.1                     | 1.0                 | 0.5                     |
| Kitchen facilities.....                                  | 1.0                     | 0.9                 | 0.5                     |
| Number of bedrooms or bathrooms.....                     | 1.1                     | 1.0                 | 0.5                     |
| Telephone in housing unit.....                           | 1.1                     | 0.9                 | 0.5                     |
| Air conditioning.....                                    | 1.3                     | 1.1                 | 0.7                     |
| Vehicles available.....                                  | 1.1                     | 1.0                 | 0.5                     |
| Gross rent.....                                          | 1.1                     | 1.0                 | 0.5                     |
| Mortgage status and selected<br>monthly owner costs..... | 1.1                     | 1.0                 | 0.5                     |

Table D. Percent of Persons and Housing Units in Sample: 1980

[For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

The State  
Congressional Districts

|                  | Persons              |                         | Housing units        |                         |
|------------------|----------------------|-------------------------|----------------------|-------------------------|
|                  | 100-percent<br>count | Percent<br>in<br>sample | 100-percent<br>count | Percent<br>in<br>sample |
| The State .....  | 2 633 105            | 17.4                    | 1 083 285            | 17.6                    |
| District 1 ..... | 526 840              | 17.8                    | 232 552              | 18.2                    |
| District 2 ..... | 526 968              | 18.7                    | 221 428              | 19.2                    |
| District 3 ..... | 526 715              | 15.8                    | 220 519              | 15.8                    |
| District 4 ..... | 526 462              | 17.5                    | 208 816              | 17.6                    |
| District 5 ..... | 526 120              | 17.1                    | 199 970              | 17.2                    |





## Appendix E.—Facsimiles of Respondent Instructions and Questionnaire Pages

### INSTRUCTIONS FOR QUESTIONS 1 THROUGH 10

1. List in question 1 (on page 1), the names of all the people who usually live here. Then turn to pages 2 and 3 where there are columns to list up to seven persons. In the first column print the name of one of the household members in whose name this home is owned or rented. If no household member owns or rents the living quarters, list in the first column any adult household member who is not a roomer, boarder, or paid employee. Print the names of the other household members, if any, in the columns which follow, using question 1 as a checklist.
2. Fill a circle to show how each person is related to the person in column 1.  
  
A stepchild or legally adopted child of the person in column 1 should be marked **Son/daughter**. Foster children or wards living in the household should be marked **Roomer, boarder**.
3. Be sure to fill a circle for the sex of each person.
4. Fill the circle for the category with which the person most closely identifies. If you fill the **Indian (American)** or **Other** circle, be sure to print the name of the specific Indian tribe or specific group.
5. Enter age at last birthday in the space provided (enter "0" for babies less than one year old). Also enter month and year of birth, and fill the appropriate circles. For an illustration of how to complete question 5, see the example on pages 4 and 5. If age or month or year of birth is not known, give your best estimate.
6. If the person's only marriage was annulled, mark **Never married**.
7. A person is of Spanish/Hispanic origin or descent if the person *identifies* his or her ancestry with one of the listed groups, that is, Mexican, Puerto Rican, etc. Origin or descent (ancestry) may be viewed as the nationality group, the lineage, or country in which the person or the person's parents or ancestors were born.
8. Do not count enrollment in a trade or business school, company training, or tutoring unless the course would be accepted for credit at a regular elementary school, high school, or college. A *public* school is any school or college which is controlled and supported primarily by a local, county, State, or Federal Government.
9. Fill only one circle. Mark the highest grade *ever* attended even if the person did not finish it. If the person is still in school, mark the grade in which now enrolled. Schooling received in foreign or ungraded schools should be reported as the equivalent grade or year in the regular American school system. If uncertain whether a Head Start program is for nursery school or kindergarten, mark the circle for **Nursery school**.

If the person skipped or repeated grades, mark the highest grade ever attended regardless of how long it took to get there. Persons who did not attend any college but who completed high school by finishing the 12th grade or by passing an equivalency test, such as the

General Educational Development (GED) examination, should fill the circle for the 12th grade.

10. Mark **Finished this grade (or year)** only if the person finished the *entire* grade or year marked in question 9 or if the highest grade was completed by passing a high school equivalency test.

### INSTRUCTIONS FOR QUESTIONS H4 THROUGH H12

- H4. Mark only one circle. *This address* means the house or building number where your living quarters are located.
- H5. Mark the second circle only if you *must* go through someone else's living quarters to get to your own.
- H6. Consider that you have hot water even if you have it only part of the time.  
  
Mark **Yes, but also used by another household** if someone else who lives in the same building, but is not a member of your household, also uses the facilities. Mark this circle also if the occupants of living quarters now vacant would also use the facilities in your living quarters.
- H7. Count only whole rooms used for living purposes, such as living rooms, dining rooms, kitchens, bedrooms, finished recreation rooms, family rooms, etc. Do not count bathrooms, kitchenettes, strip or pullman kitchens, utility rooms, or unfinished attics, unfinished basements, or other space used for storage.
- H8. Mark **Owned or being bought** if the living quarters are owned outright or are mortgaged. Also mark **Owned or being bought** if the living quarters are owned but the land is rented.  
  
Mark **Rented for cash rent** if any money rent is paid. Rent may be paid by persons who are not members of your household.  
  
**Occupied without payment of cash rent** includes, for example, a parsonage, military housing, a house or apartment provided free of rent by the owner, or a house or apartment occupied by a janitor or caretaker in exchange for services.
- H9. A *condominium* is housing in which the apartments or houses in a development are individually owned, but the common areas, such as lobbies, halls, etc., are jointly owned. The person owning a condominium very likely has a mortgage on the particular unit.
- H10b. A *commercial establishment* is easily recognized from the outside, for example, a grocery store or barber shop. A *medical office* is a doctor's or dentist's office regularly visited by patients.
- H11. Include the value of the house, the land it is on, and any other structures on the same property. If the house is owned but the land is rented, estimate the combined value of the house and the



land. If this is a condominium unit, enter the estimated value for your living quarters and your share of the common elements.

- H12. Report the rent agreed to or contracted for, even if the rent is unpaid or paid by someone else.

If rent is not paid by the month, change the rent to a monthly amount; and then fill the appropriate circle in question H12.

| If rent is paid: | Multiply rent by: |
|------------------|-------------------|
| By the day       | 30                |
| By the week      | 4                 |
| Every other week | 2                 |

| If rent is paid: | Divide rent by: |
|------------------|-----------------|
| 4 times a year   | 3               |
| 2 times a year   | 6               |
| Once a year      | 12              |

#### INSTRUCTIONS FOR QUESTIONS H13 THROUGH H20

- H13. Mark only one circle.

*Detached* means there is open space on all sides, or the house is joined only to a shed or garage. *Attached* means that the house is joined to another house or building by at least one wall which goes from ground to roof.

Mark **A** one-family house detached from any other house when a mobile home or trailer has had one or more rooms added or built onto it; a porch or shed is not considered a room.

Count all occupied and vacant living quarters in the house or building, but not stores or office space.

- H14a. Do not count unfinished basements or unfinished attics. However, a basement or attic with finished room(s) for living purposes should be counted as a story.

- H15a. A city or suburban lot is usually located in a city, a community, or any built-up area outside a city or community, and is not larger than the house and yard. All living quarters in apartment buildings, including garden-type apartments in the city or suburbs, are considered on a city or suburban lot.

A place is a farm, ranch, or any other property, other than a city or suburban lot, on which this residence is located.

- H16. If a well provides water for six or more houses or apartments, mark **A** public system. If a well provides water for five or fewer houses or apartments, mark one of the categories for *individual well*.

*Drilled wells*, or small diameter wells, are usually less than 1½ feet in diameter. *Dug wells* are generally hand dug and are wider.

- H17. A public sewer is operated by a government body or a private organization. A septic tank or cesspool is an underground tank or pit used for disposal of sewage.

- H19. The term *person in column 1* refers to the person listed in the first column on page 2. This person should be the household member (or one of the members) in whose name the house is owned or rented. If there is no such person, any adult household member can be the person in column 1. Mark when this person last moved into this house or apartment.

- H20. This question refers to the type of heating equipment and not to the fuel used.

An electric heat pump is sometimes known as a reverse cycle

system. It may be centrally installed with ducts to the rooms or individual heat pumps in the rooms.

A floor, wall, or pipeless furnace delivers warm air to the room right above the furnace or to the room(s) on one or both sides of the wall in which the furnace is installed and does not have ducts leading to other rooms.

Any heater that you plug into an electric outlet should be counted as a portable room heater.

#### INSTRUCTIONS FOR QUESTIONS H21 THROUGH H32

- H21. Gas from underground pipes is piped in from a central system such as one operated by a public utility company or a municipal government. Bottled, tank, or LP gas is stored in tanks which are refilled or exchanged when empty. Other fuel includes any fuel not separately listed, for example, purchased steam, fuel briquettes, waste material, etc.

- H22. If your living quarters are rented, enter the costs for utilities and fuels only if you pay for them in addition to the rent entered in H12. If already included in rent, fill the appropriate circle.

The amounts to be reported should be for the past 12 months, that is, for electricity and gas, the monthly average for the past 12 months; for water and other fuels, the total amount for the past 12 months.

Estimate as closely as possible when exact costs are not known.

Report amounts even if your bills are unpaid or paid by someone else. If the bills include utilities or fuel used also by another apartment or a business establishment, estimate the amounts for your own living quarters. If gas and electricity are billed together, enter the combined amount on the electricity line and bracket ( { ) the two utilities.

- H23. The kitchen sink, stove, and refrigerator must be located in the building but do not have to be in the same room. Portable cooking equipment is not considered as a range or cook stove.

- H26. Answer Yes only if the telephone is located in your living quarters.

- H27. Count only equipment used to cool the air by means of a refrigeration unit.

- H28 — H29. Count company cars (including police cars and taxicabs) and company trucks that are regularly kept at home and used by household members. Do not count cars or trucks permanently out of working order.

- H30 — H32. Do not answer these questions if you live in a cooperative, regardless of the number of units in the structure.

- H30. Report taxes for all taxing jurisdictions even if they are included in mortgage payment, not paid yet, paid by someone else, or are delinquent.

- H31. When premiums are paid on other than a yearly basis, convert to a yearly basis and enter the yearly amount, even if no payment was made during the past 12 months.

- H32a. The word "mortgage" is used as a general term to indicate all types of loans which are secured by real estate.

- b. A second or junior mortgage is also secured by real estate but has been made by the homeowner in addition to the first mortgage.
- c. Enter a monthly amount even if it is unpaid or paid by someone else. If the amount is paid on some other periodic basis, see instructions for H12 to change it to a monthly amount.

#### INSTRUCTIONS FOR QUESTIONS 11 THROUGH 14

11. *For persons born in the United States:*  
Print the name of the State in which this person's mother was living when this person was born. For persons born in a hospital, do not give the State in which the hospital was located unless the hospital and the mother's home were in the same State or the location of the mother's home is not known. For example, if a person was born in a hospital in Washington, D.C., but the mother's home was in Virginia at the time of the person's birth, enter "Virginia."

*For persons born outside the United States:*

Print the full name of the foreign country or Puerto Rico, Guam, etc., where the person was born. Use international boundaries as now recognized by the United States. Specify whether Northern Ireland or Ireland (Eire); East or West Germany; England, Scotland or Wales (not Great Britain or United Kingdom). Specify the particular island in the Caribbean, *not*, for example, West Indies.

12. This question is only for persons born in a foreign country. Fill the Yes, a naturalized citizen circle only if the person has completed the naturalization process and is now a citizen.

If the person has entered the U.S. more than once, fill the circle for the year he or she came to stay permanently.

- 13a. Mark No, only speaks English if the person always speaks English at home; then skip to question 14.

Mark Yes if the person speaks a language other than English at home. Do not mark Yes for a language spoken only at school or if speaking ability is limited to a few expressions or slang.

- b. Print the non-English language spoken at home. If this person speaks two or more non-English languages at home and cannot determine which is spoken most often, report the first language the person learned to speak.

- c. Fill the circle that best describes the person's ability to speak English.

- (1) The circle Very well should be filled for persons who have no difficulty speaking English.
- (2) The circle Well should be filled for persons who have only minor problems which do not seriously limit their ability to speak English.
- (3) The circle Not well should be filled for persons who are seriously limited in their ability to speak English.
- (4) The circle Not at all should be filled for persons who do not speak English at all.

14. Print the ancestry group with which the person identifies. Ancestry (or origin or descent) may be viewed as the nationality group, the lineage, or the country in which the person or the person's parents or ancestors were born before their arrival in the United States. Persons who are of more than one origin and who cannot identify with a single group should print their multiple ancestry (for example, German-Irish).

Be specific; for example, if ancestry is "Indian," specify whether American Indian, Asian Indian, or West Indian. Distinguish Cape Verdean from Portuguese, and French Canadian from Canadian.

A religious group should not be reported as a person's ancestry.

#### INSTRUCTIONS FOR QUESTIONS 15 THROUGH 20

- 15a. Mark Yes, this house if this person lived in this same house or apartment on April 1, 1975, but moved away and came back between then and now. Mark No, different house if this person lived in the same building but in a different apartment (or in the same mobile home or trailer but on a different trailer site).

- b. If this person lived in a different house or apartment on April 1, 1975, give the location of this person's usual home at that time.

Part (1) If the person was living in the United States on April 1, 1975, print the name of the State. If the person did not live in the United States on April 1, 1975, print the full name of the foreign country or Puerto Rico, Guam, etc.

Part (2) If in Louisiana, print the parish name. If in Alaska, print the borough name. If in New York City — print the borough name if the county name is not known. If an independent city, leave blank.

Part (3) If in Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island or Vermont, print the name of the town rather than the name of the village or city, unless the name of the town is unknown.

Part (4) Mark Yes if you know that the location is now inside the limits of a city, town, village or other incorporated place, even if it was not inside the limits on April 1, 1975.

- 17a. Mark Yes only if this person was on active duty in the U.S. Army, Navy, Air Force, Marine Corps, or Coast Guard. Mark No if the person was in the National Guard or the reserves.

- b. Mark Yes if the person was attending a college or university either full or part time and was enrolled for credit toward a degree. Mark No if the person was taking only non-credit courses or was attending a vocational or trade school, such as secretarial school.

- c. Mark Yes, full time if the person worked full time (35 hours or more per week). Mark Yes, part time if the person worked part time (less than 35 hours per week). Mark No if the person only did unpaid volunteer work, housework or yard work at own home, or if the only work done was as a resident of an institution.

- 18a. Mark Yes if this person was ever on active duty in the U.S. Army, Navy, Air Force, Marine Corps, or Coast Guard, even if the time served was short. For persons in the National Guard or military reserve units, mark Yes only if the person was ever called to active duty; mark No if the only service was active duty for training.

- b. If this person served during more than one period, fill all circles which apply, even if service was for a short time.

19. The term "health condition" refers to any physical or mental problem which has lasted for 6 or more months. A serious problem with seeing, hearing, or speech should be considered a health condition. Pregnancy or a temporary health problem such as a broken bone that is expected to heal normally should not be considered a health condition.

20. Count all children born alive, including any who have died (even shortly after birth) or who no longer live with her.



### INSTRUCTIONS FOR QUESTIONS 21 THROUGH 26

21. If the exact date of marriage is not known, give your best estimate.
- 22a. Mark Yes if the person worked, either full or part time, on any day of last week (Sunday through Saturday).

Count as work:

Work for someone else for wages, salary, piece rate, commission, tips, or payments "in kind" (for example, food, lodging received as payment for work performed).

Work in own business, professional practice, or farm.

Any work in a family business or farm, paid or not.

Any part-time work including babysitting, paper routes, etc.

Active duty in Armed Forces.

Do not count as work:

Housework or yard work at home.

Unpaid volunteer work.

Work done as a resident of an institution.

- b. Give the *actual* number of hours worked at *all jobs last week*, even if that was more or fewer hours than usually worked.
23. If the person worked at several locations, but reported to the same location each day to begin work, print where he or she reported. If the person did not report to the same location each day to begin work, print the words "various locations" for 23a, and give as much information as possible in the remainder of 23 to identify the area in which he or she worked *most* last week.

If the person's employer operates in more than one location (such as a grocery store chain or public school system), give the exact address of the location or branch where the person worked.

If the person worked in a foreign country or Puerto Rico, Guam, etc., print the name of the country in 23e and leave the other parts of 23 blank.

- 24a. Travel time is from door to door. Include time taken waiting for public transportation, picking up passengers in carpools, etc.
- b. Mark **Worked** at home for a person who works on a farm where he or she lives, or in an office or shop in the person's home.
- c. If the person was driven to work by someone who then drove back home or to a non-work destination, mark **Drive alone**.
- d. Do not include riders who rode to school or some other non-work destination.
25. If the person works only during certain seasons or on a day-to-day basis when work is available, mark **No**.

- 26a. Mark **Yes** if the person tried to get a job or to start a business or professional practice at any time in the last *four* weeks; for example, registered at an employment office, went to a job interview, placed or answered ads, or did anything toward starting a business or professional practice.

- b. Mark **No**, already has a job if the person was on layoff or was expecting to report to a job within 30 days.

Mark **No**, temporarily ill if the person expects to be able to work within 30 days

Mark **No**, other reasons if the person could not have taken a job because he or she was going to school, taking care of children, etc.

### INSTRUCTIONS FOR QUESTIONS 27 THROUGH 29

27. Look at the instructions for 22a to see what to count as work. Mark **Never worked** if the person: (1) never worked at any kind of job or business, either full or part time, (2) never did any work, with or without pay, in a family business or farm *and* (3) never served in the Armed Forces.

- 28a. If the person worked for a company, business, or government agency, print the name of the company, not the name of the person's supervisor. If the person worked for an individual or a business that has no company name, print the name of the individual worked for. If the person worked in his or her own business, print "self-employed."

- b. Print two or more words to tell what the business, industry, or individual employer named in 28a does. If there is more than one activity, describe only the major activity *at the place where the person works*. Enter what is made, what is sold, or what service is given.

Some examples of what is needed to make an answer acceptable are shown on the census form and here.

Unacceptable

Furniture company

Grocery store

Oil company

Ranch

Acceptable

Metal furniture manufacturing

Wholesale grocery store

Retail gas station

Cattle ranch

- c. Mark **Manufacturing** if the factory, plant, mill, etc., mostly makes things, even if it also sells them.

Mark **Wholesale trade** if the business mostly sells things to stores or other companies.

Mark **Retail trade** if the business mostly sells things (not services) to individuals.

Mark **Other** if the main activity of the employer is not making or selling things. Some examples of **Other** are farming, construction, and services such as those provided by hotels, dry cleaners, repair shops, schools, and banks.

- 29a. Print two or more words to describe the kind of work the person does. If the person is a trainee, apprentice, or helper, include that in the description.

Some examples of what is needed to make an answer acceptable are shown on the census form and here.

Unacceptable

Clerk

Helper

Mechanic

Nurse

Acceptable

Production clerk

Carpenter's helper

Auto engine mechanic

Registered nurse

- b. Print the most important things that the person does on the job. Some examples are shown on the census form.

INSTRUCTIONS FOR QUESTIONS 30 THROUGH 33

30. If the person was an employee of a *private* nonprofit organization, such as a church, fill the first circle.

Mark Local government employee for a teacher working in an elementary or secondary public school.

- 31a. Look at the instructions for question 22a to see what to count as work.

- b. Count every week in which the person did any work at all, even for an hour.

- c. If the hours worked each week varied considerably, give the best estimate of the hours usually worked most weeks.

- d. Count every week in which the person did not work at all, but spent any time looking for work or on layoff from a job. *Looking for work* means trying to get a job or start a business or professional practice; *layoff* includes either temporary or indefinite layoff.

32. Fill the Yes or No circle for each part and enter the appropriate amount. If income from any source was received jointly by household members, report if possible, the appropriate share for each person; otherwise, report the whole amount for only one person and mark No for the other person, unless the other person has additional income of the same type.

- a. Include sick leave pay. Do not include reimbursement for business

expenses and pay "in kind," (for example, food, lodging received as payment for work performed).

- b. Include net earnings (gross earnings minus business expenses) from a nonfarm business. If business lost money, write "Loss" above the amount.

- c. Include net earnings (gross receipts minus operating expenses) from a farm. If farm lost money, write "Loss" above the amount.

- d. Include interest and dividends credited to the person's account (for example, from savings accounts and stock shares), net royalties, and net income from rental property.

- e. Include Social Security or Railroad Retirement payments to retired persons, to dependents of deceased insured workers and to disabled workers.

- f. Include public assistance or welfare payments received from Federal, State, or local agencies. Do not include private welfare payments.

- g. Include all other regular payments, such as government employee retirement, union or private pensions and annuities; unemployment benefits; worker's compensation; Armed Forces allotments; private welfare payments; regular contributions from persons not living in the household; etc.

Do not include lump-sum payments received from the sale of property (capital gains), insurance policies, inheritances, etc.

33. If no income was received in 1979, fill the None circle. If total income was a loss, write "Loss" above the amount.



Please fill out this  
official Census Form  
and mail it back on  
Census Day,  
Tuesday, April 1, 1980

# 1980 Census of the United States

|                                                                                                                                   |    |    |    |    |    |
|-----------------------------------------------------------------------------------------------------------------------------------|----|----|----|----|----|
| If the address shown below has the wrong apartment identification,<br>please write the correct apartment number or location here: |    |    |    |    |    |
|                                                                                                                                   |    |    |    |    |    |
|                                                                                                                                   |    |    |    |    |    |
|                                                                                                                                   |    |    |    |    |    |
| DO                                                                                                                                | A1 | A2 | A4 | A5 | A6 |
|                                                                                                                                   |    |    |    |    |    |

## Your answers are confidential

By law (title 13, U.S. Code), census employees are subject to fine and/or imprisonment for any disclosure of your answers. Only after 72 years does your information become available to other government agencies or the public. The same law requires that you answer the questions to the best of your knowledge.

## Para personas de habla hispana

(For Spanish-speaking persons):  
SI USTED DESEA UN CUESTIONARIO DEL CENSO EN ESPAÑOL  
llame a la oficina del censo. El número de teléfono se encuentra en  
el encasillado de la dirección.

O, si prefiere, marque esta casilla ☐ y devuelva el cuestionario  
por correo en el sobre que se le incluye.

### A message from the Director, Bureau of the Census . . .

We must, from time to time, take stock of ourselves as a people if our Nation is to meet successfully the many national and local challenges we face. This is the purpose of the 1980 census.

The essential need for a population census was recognized almost 200 years ago when our Constitution was written. As provided by article I, the first census was conducted in 1790 and one has been taken every 10 years since then.

The law under which the census is taken protects the confidentiality of your answers. For the next 72 years — or until April 1, 2052 — only sworn census workers have access to the individual records, and no one else may see them.

Your answers, when combined with the answers from other people, will provide the statistical figures needed by public and private groups, schools, business and industry, and Federal, State, and local governments across the country. These figures will help all sectors of American society understand how our population and housing are changing. In this way, we can deal more effectively with today's problems and work toward a better future for all of us.

The census is a vitally important national activity. Please do your part by filling out this census form accurately and completely. If you mail it back promptly in the enclosed postage-paid envelope, it will save the expense and inconvenience of a census taker having to visit you.

Thank you for your cooperation.

**Please** start by answering Question 1 below

## E-7



Page 2

ALSO ANSWER THE HOUSING QUESTIONS ON PAGE 3

| Here are the QUESTIONS<br>↓                                                                                                                                                                                                                              | PERSON in column 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                            | PERSON in column 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                            |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------|
|                                                                                                                                                                                                                                                          | Last name                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | First name Middle initial                                                  | Last name                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | First name Middle initial                                                  |
| <p><b>2. How is this person related to the person in column 1?</b></p> <p>Fill one circle.</p> <p>If "Other relative" of person in column 1, give exact relationship, such as mother-in-law, niece, grandson, etc.</p>                                   | <p><b>START</b> In this column with the household member (or one of the members) in whose name the home is owned or rented. If there is no such person, start in this column with any adult household member.</p>                                                                                                                                                                                                                                                                                                                                                                                           |                                                                            | <p>If relative of person in column 1:</p> <p><input type="radio"/> Husband/wife      <input type="radio"/> Father/mother</p> <p><input type="radio"/> Son/daughter      <input type="radio"/> Other relative</p> <p><input type="radio"/> Brother/sister</p> <p>If not related to person in column 1:</p> <p><input type="radio"/> Roomer, boarder      <input type="radio"/> Other nonrelative</p> <p><input type="radio"/> Partner, roommate</p> <p><input type="radio"/> Paid employee</p>                                                                                                               |                                                                            |
| <p><b>3. Sex</b> Fill one circle.</p>                                                                                                                                                                                                                    | <p><input type="radio"/> Male      <input type="radio"/> Female</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                            | <p><input type="radio"/> Male      <input type="radio"/> Female</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                            |
| <p><b>4. Is this person —</b></p> <p>Fill one circle.</p>                                                                                                                                                                                                | <p><input type="radio"/> White      <input type="radio"/> Asian Indian</p> <p><input type="radio"/> Black or Negro      <input type="radio"/> Hawaiian</p> <p><input type="radio"/> Japanese      <input type="radio"/> Guamanian</p> <p><input type="radio"/> Chinese      <input type="radio"/> Samoan</p> <p><input type="radio"/> Filipino      <input type="radio"/> Eskimo</p> <p><input type="radio"/> Korean      <input type="radio"/> Aleut</p> <p><input type="radio"/> Vietnamese      <input type="radio"/> Other — Specify</p> <p><input type="radio"/> Indian (Amer.)</p> <p>Print tribe</p> |                                                                            | <p><input type="radio"/> White      <input type="radio"/> Asian Indian</p> <p><input type="radio"/> Black or Negro      <input type="radio"/> Hawaiian</p> <p><input type="radio"/> Japanese      <input type="radio"/> Guamanian</p> <p><input type="radio"/> Chinese      <input type="radio"/> Samoan</p> <p><input type="radio"/> Filipino      <input type="radio"/> Eskimo</p> <p><input type="radio"/> Korean      <input type="radio"/> Aleut</p> <p><input type="radio"/> Vietnamese      <input type="radio"/> Other — Specify</p> <p><input type="radio"/> Indian (Amer.)</p> <p>Print tribe</p> |                                                                            |
| <p><b>5. Age, and month and year of birth</b></p> <p>a. Print age at last birthday.</p> <p>b. Print month and fill one circle.</p> <p>c. Print year in the spaces, and fill one circle below each number.</p>                                            | <p>a. Age at last birthday</p> <p>b. Month of birth</p> <p>c. Year of birth</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                            | <p>a. Age at last birthday</p> <p>b. Month of birth</p> <p>c. Year of birth</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                            |
| <p><b>6. Marital status</b></p> <p>Fill one circle.</p>                                                                                                                                                                                                  | <p><input type="radio"/> Now married      <input type="radio"/> Separated</p> <p><input type="radio"/> Widowed      <input type="radio"/> Never married</p> <p><input type="radio"/> Divorced</p>                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                            | <p><input type="radio"/> Now married      <input type="radio"/> Separated</p> <p><input type="radio"/> Widowed      <input type="radio"/> Never married</p> <p><input type="radio"/> Divorced</p>                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                            |
| <p><b>7. Is this person of Spanish/Hispanic origin or descent?</b></p> <p>Fill one circle.</p>                                                                                                                                                           | <p><input type="radio"/> No (not Spanish/Hispanic)</p> <p><input type="radio"/> Yes, Mexican, Mexican-Amer., Chicano</p> <p><input type="radio"/> Yes, Puerto Rican</p> <p><input type="radio"/> Yes, Cuban</p> <p><input type="radio"/> Yes, other Spanish/Hispanic</p>                                                                                                                                                                                                                                                                                                                                    |                                                                            | <p><input type="radio"/> No (not Spanish/Hispanic)</p> <p><input type="radio"/> Yes, Mexican, Mexican-Amer., Chicano</p> <p><input type="radio"/> Yes, Puerto Rican</p> <p><input type="radio"/> Yes, Cuban</p> <p><input type="radio"/> Yes, other Spanish/Hispanic</p>                                                                                                                                                                                                                                                                                                                                    |                                                                            |
| <p><b>8. Since February 1, 1980, has this person attended regular school or college at any time?</b> Fill one circle. Count nursery school, kindergarten, elementary school, and schooling which leads to a high school diploma or college degree.</p>   | <p><input type="radio"/> No, has not attended since February 1</p> <p><input type="radio"/> Yes, public school, public college</p> <p><input type="radio"/> Yes, private, church-related</p> <p><input type="radio"/> Yes, private, not church-related</p>                                                                                                                                                                                                                                                                                                                                                  |                                                                            | <p><input type="radio"/> No, has not attended since February 1</p> <p><input type="radio"/> Yes, public school, public college</p> <p><input type="radio"/> Yes, private, church-related</p> <p><input type="radio"/> Yes, private, not church-related</p>                                                                                                                                                                                                                                                                                                                                                  |                                                                            |
| <p><b>9. What is the highest grade (or year) of regular school this person has ever attended?</b></p> <p>Fill one circle.</p> <p>If now attending school, mark grade person is in. If high school was finished by equivalency test (GED), mark "12."</p> | <p>Highest grade attended:</p> <p><input type="radio"/> Nursery school      <input type="radio"/> Kindergarten</p> <p>Elementary through high school (grade or year)</p> <p>1 2 3 4 5 6 7 8 9 10 11 12</p> <p>College (academic year)</p> <p>1 2 3 4 5 6 7 8 or more</p> <p>Never attended school — Skip question 10</p>                                                                                                                                                                                                                                                                                    |                                                                            | <p>Highest grade attended:</p> <p><input type="radio"/> Nursery school      <input type="radio"/> Kindergarten</p> <p>Elementary through high school (grade or year)</p> <p>1 2 3 4 5 6 7 8 9 10 11 12</p> <p>College (academic year)</p> <p>1 2 3 4 5 6 7 8 or more</p> <p>Never attended school — Skip question 10</p>                                                                                                                                                                                                                                                                                    |                                                                            |
| <p><b>10. Did this person finish the highest grade (or year) attended?</b></p> <p>Fill one circle.</p>                                                                                                                                                   | <p><input type="radio"/> Now attending this grade (or year)</p> <p><input type="radio"/> Finished this grade (or year)</p> <p><input type="radio"/> Did not finish this grade (or year)</p>                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                            | <p><input type="radio"/> Now attending this grade (or year)</p> <p><input type="radio"/> Finished this grade (or year)</p> <p><input type="radio"/> Did not finish this grade (or year)</p>                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                            |
|                                                                                                                                                                                                                                                          | CENSUS USE ONLY                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | A. <input type="radio"/> I <input type="radio"/> N <input type="radio"/> O | CENSUS USE ONLY                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | A. <input type="radio"/> I <input type="radio"/> N <input type="radio"/> O |

NOW PLEASE ANSWER QUESTIONS H1—H12  
FOR YOUR HOUSEHOLD

**PERSON in column 7**

Last name: \_\_\_\_\_ First name: \_\_\_\_\_ Middle initial: \_\_\_\_\_

If relative of person in column 1:

☐ Husband/wife ☐ Father/mother  
☐ Son/daughter ☐ Other relative  
☐ Brother/sister

If not related to person in column 1:

☐ Roomer, boarder ☐ Other nonrelative  
☐ Partner, roommate  
☐ Paid employee

☐ Male ☐ Female

☐ White ☐ Asian Indian  
☐ Black or Negro ☐ Hawaiian  
☐ Japanese ☐ Guamanian  
☐ Chinese ☐ Samoan  
☐ Filipino ☐ Eskimo  
☐ Korean ☐ Aleut  
☐ Vietnamese ☐ Other — Specify \_\_\_\_\_  
☐ Indian (Amer.)

Print tribe → \_\_\_\_\_

**a. Age at last birthday** \_\_\_\_\_ **c. Year of birth**

**b. Month of birth**

☐ Jan.—Mar. ☐ 6 ☐ 6 ☐ 0  
☐ Apr.—June ☐ 7 ☐ 7 ☐ 0  
☐ July—Sept. ☐ 8 ☐ 8 ☐ 0  
☐ Oct.—Dec. ☐ 9 ☐ 9 ☐ 0

☐ Now married ☐ Separated  
☐ Widowed ☐ Never married  
☐ Divorced

☐ No (not Spanish/Hispanic)  
☐ Yes, Mexican, Mexican-Amer., Chicano  
☐ Yes, Puerto Rican  
☐ Yes, Cuban  
☐ Yes, other Spanish/Hispanic

☐ No, has not attended since February 1  
☐ Yes, public school, public college  
☐ Yes, private, church-related  
☐ Yes, private, not church-related

**Highest grade attended:**

☐ Nursery school ☐ Kindergarten

**Elementary through high school (grade or year)**

1 2 3 4 5 6 7 8 9 10 11 12

**College (academic year)**

1 2 3 4 5 6 7 8 or more

☐ Never attended school—Skip question 10

☐ Now attending this grade (or year)  
☐ Finished this grade (or year)  
☐ Did not finish this grade (or year)

**CENSUS USE ONLY** A. ☐ I ☐ N ☐ O

If you listed more than 7 persons in Question 1, please see note on page 20.

**H1. Did you leave anyone out of Question 1 because you were not sure if the person should be listed — for example, a new baby still in the hospital, a lodger who also has another home, or a person who stays here once in a while and has no other home?**

☐ Yes — On page 20 give name(s) and reason left out.  
☐ No

**H2. Did you list anyone in Question 1 who is away from home now — for example, on a vacation or in a hospital?**

☐ Yes — On page 20 give name(s) and reason person is away.  
☐ No

**H3. Is anyone visiting here who is not already listed?**

☐ Yes — On page 20 give name of each visitor for whom there is no one at the home address to report the person to a census taker.  
☐ No

**H4. How many living quarters, occupied and vacant, are at this address?**

☐ One  
☐ 2 apartments or living quarters  
☐ 3 apartments or living quarters  
☐ 4 apartments or living quarters  
☐ 5 apartments or living quarters  
☐ 6 apartments or living quarters  
☐ 7 apartments or living quarters  
☐ 8 apartments or living quarters  
☐ 9 apartments or living quarters  
☐ 10 or more apartments or living quarters  
☐ This is a mobile home or trailer

**H5. Do you enter your living quarters —**

☐ Directly from the outside or through a common or public hall?  
☐ Through someone else's living quarters?

**H6. Do you have complete plumbing facilities in your living quarters, that is, hot and cold piped water, a flush toilet, and a bathtub or shower?**

☐ Yes, for this household only  
☐ Yes, but also used by another household  
☐ No, have some but not all plumbing facilities  
☐ No plumbing facilities in living quarters

**H7. How many rooms do you have in your living quarters?**  
Do not count bathrooms, porches, balconies, foyers, halls, or half-rooms.

☐ 1 room ☐ 4 rooms ☐ 7 rooms  
☐ 2 rooms ☐ 5 rooms ☐ 8 rooms  
☐ 3 rooms ☐ 6 rooms ☐ 9 or more rooms

**H8. Are your living quarters —**

☐ Owned or being bought by you or by someone else in this household?  
☐ Rented for cash rent?  
☐ Occupied without payment of cash rent?

**H9. Is this apartment (house) part of a condominium?**

☐ No  
☐ Yes, a condominium

**H10. If this is a one-family house —**

**a. Is the house on a property of 10 or more acres?**

☐ Yes ☐ No

**b. Is any part of the property used as a commercial establishment or medical office?**

☐ Yes ☐ No

**H11. If you live in a one-family house or a condominium unit which you own or are buying —**

**What is the value of this property, that is, how much do you think this property (house and lot or condominium unit) would sell for if it were for sale?**

Do not answer this question if this is —

☐ A mobile home or trailer  
☐ A house on 10 or more acres  
☐ A house with a commercial establishment or medical office on the property

☐ Less than \$10,000 ☐ \$50,000 to \$54,999  
☐ \$10,000 to \$14,999 ☐ \$55,000 to \$59,999  
☐ \$15,000 to \$17,499 ☐ \$60,000 to \$64,999  
☐ \$17,500 to \$19,999 ☐ \$65,000 to \$69,999  
☐ \$20,000 to \$22,499 ☐ \$70,000 to \$74,999  
☐ \$22,500 to \$24,999 ☐ \$75,000 to \$79,999  
☐ \$25,000 to \$27,499 ☐ \$80,000 to \$89,999  
☐ \$27,500 to \$29,999 ☐ \$90,000 to \$99,999  
☐ \$30,000 to \$34,999 ☐ \$100,000 to \$124,999  
☐ \$35,000 to \$39,999 ☐ \$125,000 to \$149,999  
☐ \$40,000 to \$44,999 ☐ \$150,000 to \$199,999  
☐ \$45,000 to \$49,999 ☐ \$200,000 or more

**H12. If you pay rent for your living quarters —**

**What is the monthly rent?**

If rent is not paid by the month, see the instruction guide on how to figure a monthly rent.

☐ Less than \$50 ☐ \$160 to \$169  
☐ \$50 to \$59 ☐ \$170 to \$179  
☐ \$60 to \$69 ☐ \$180 to \$189  
☐ \$70 to \$79 ☐ \$190 to \$199  
☐ \$80 to \$89 ☐ \$200 to \$224  
☐ \$90 to \$99 ☐ \$225 to \$249  
☐ \$100 to \$109 ☐ \$250 to \$274  
☐ \$110 to \$119 ☐ \$275 to \$299  
☐ \$120 to \$129 ☐ \$300 to \$349  
☐ \$130 to \$139 ☐ \$350 to \$399  
☐ \$140 to \$149 ☐ \$400 to \$499  
☐ \$150 to \$159 ☐ \$500 or more

**FOR CENSUS USE ONLY**

**A4. Block number** \_\_\_\_\_ **A6. Serial number** \_\_\_\_\_

**B. Type of unit or quarters**

**Occupied**

☐ First form  
☐ Continuation

**Vacant**

☐ Regular  
☐ Usual home elsewhere

**Group quarters**

☐ First form  
☐ Continuation

**For vacant units**

**C1. Is this unit for —**

☐ Year-round use  
☐ Seasonal/Mig. — Skip C2, C3, and D.

**C2. Vacancy status**

☐ For rent  
☐ For sale only  
☐ Rented or sold, not occupied  
☐ Held for occasional use  
☐ Other vacant

**C3. Is this unit boarded up?**

☐ Yes ☐ No

**D. Months vacant**

☐ Less than 1 month  
☐ 1 up to 2 months  
☐ 2 up to 6 months  
☐ 6 up to 12 months  
☐ 1 year up to 2 years  
☐ 2 or more years

**E. Indicators**

1. ☐ Mail return  
2. ☐ Pop./F

**F. Total persons**

\_\_\_\_\_



|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
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| <b>H13. Which best describes this building?</b><br><i>Include all apartments, flats, etc., even if vacant.</i> <ul style="list-style-type: none"> <li><input type="radio"/> A mobile home or trailer</li> <li><input type="radio"/> A one-family house detached from any other house</li> <li><input type="radio"/> A one-family house attached to one or more houses</li> <li><input type="radio"/> A building for 2 families</li> <li><input type="radio"/> A building for 3 or 4 families</li> <li><input type="radio"/> A building for 5 to 9 families</li> <li><input type="radio"/> A building for 10 to 19 families</li> <li><input type="radio"/> A building for 20 to 49 families</li> <li><input type="radio"/> A building for 50 or more families</li> <li><input type="radio"/> A boat, tent, van, etc.</li> </ul> | <b>H21 a. Which fuel is used most for house heating?</b> <ul style="list-style-type: none"> <li><input type="radio"/> Gas: from underground pipes serving the neighborhood</li> <li><input type="radio"/> Gas: bottled, tank, or LP</li> <li><input type="radio"/> Electricity</li> <li><input type="radio"/> Fuel oil, kerosene, etc.</li> <li><input type="radio"/> Coal or coke</li> <li><input type="radio"/> Wood</li> <li><input type="radio"/> Other fuel</li> <li><input type="radio"/> No fuel used</li> </ul> <b>b. Which fuel is used most for water heating?</b> <ul style="list-style-type: none"> <li><input type="radio"/> Gas: from underground pipes serving the neighborhood</li> <li><input type="radio"/> Gas: bottled, tank, or LP</li> <li><input type="radio"/> Electricity</li> <li><input type="radio"/> Fuel oil, kerosene, etc.</li> <li><input type="radio"/> Coal or coke</li> <li><input type="radio"/> Wood</li> <li><input type="radio"/> Other fuel</li> <li><input type="radio"/> No fuel used</li> </ul> | <b>CENSUS USE</b><br><b>H22a.</b><br><table border="1"> <tr><td>0</td><td>0</td><td>0</td></tr> <tr><td>1</td><td>1</td><td>1</td></tr> <tr><td>2</td><td>2</td><td>2</td></tr> <tr><td>3</td><td>3</td><td>3</td></tr> <tr><td>4</td><td>4</td><td>4</td></tr> <tr><td>5</td><td>5</td><td>5</td></tr> <tr><td>6</td><td>6</td><td>6</td></tr> <tr><td>7</td><td>7</td><td>7</td></tr> <tr><td>8</td><td>8</td><td>8</td></tr> <tr><td>9</td><td>9</td><td>9</td></tr> </table> | 0 | 0 | 0 | 1 | 1 | 1 | 2 | 2 | 2 | 3 | 3 | 3 | 4 | 4 | 4 | 5 | 5 | 5 | 6 | 6 | 6 | 7 | 7 | 7 | 8 | 8 | 8 | 9 | 9 | 9 |
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| <b>H14a. How many stories (floors) are in this building?</b><br><i>Count an attic or basement as a story if it has any finished rooms for living purposes.</i> <ul style="list-style-type: none"> <li><input type="radio"/> 1 to 3 — Skip to H15</li> <li><input type="radio"/> 4 to 6</li> <li><input type="radio"/> 7 to 12</li> <li><input type="radio"/> 13 or more stories</li> </ul> <b>b. Is there a passenger elevator in this building?</b> <ul style="list-style-type: none"> <li><input type="radio"/> Yes</li> <li><input type="radio"/> No</li> </ul>                                                                                                                                                                                                                                                             | <b>c. Which fuel is used most for cooking?</b> <ul style="list-style-type: none"> <li><input type="radio"/> Gas: from underground pipes serving the neighborhood</li> <li><input type="radio"/> Gas: bottled, tank, or LP</li> <li><input type="radio"/> Electricity</li> <li><input type="radio"/> Fuel oil, kerosene, etc.</li> <li><input type="radio"/> Coal or coke</li> <li><input type="radio"/> Wood</li> <li><input type="radio"/> Other fuel</li> <li><input type="radio"/> No fuel used</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <b>H22b.</b><br><table border="1"> <tr><td>0</td><td>0</td><td>0</td></tr> <tr><td>1</td><td>1</td><td>1</td></tr> <tr><td>2</td><td>2</td><td>2</td></tr> <tr><td>3</td><td>3</td><td>3</td></tr> <tr><td>4</td><td>4</td><td>4</td></tr> <tr><td>5</td><td>5</td><td>5</td></tr> <tr><td>6</td><td>6</td><td>6</td></tr> <tr><td>7</td><td>7</td><td>7</td></tr> <tr><td>8</td><td>8</td><td>8</td></tr> <tr><td>9</td><td>9</td><td>9</td></tr> </table>                      | 0 | 0 | 0 | 1 | 1 | 1 | 2 | 2 | 2 | 3 | 3 | 3 | 4 | 4 | 4 | 5 | 5 | 5 | 6 | 6 | 6 | 7 | 7 | 7 | 8 | 8 | 8 | 9 | 9 | 9 |
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| <b>H15a. Is this building —</b> <ul style="list-style-type: none"> <li><input type="radio"/> On a city or suburban lot, or on a place of less than 1 acre? — Skip to H16</li> <li><input type="radio"/> On a place of 1 to 9 acres?</li> <li><input type="radio"/> On a place of 10 or more acres?</li> </ul> <b>b. Last year, 1979, did sales of crops, livestock, and other farm products from this place amount to —</b> <ul style="list-style-type: none"> <li><input type="radio"/> Less than \$50 (or None)</li> <li><input type="radio"/> \$50 to \$249</li> <li><input type="radio"/> \$250 to \$599</li> <li><input type="radio"/> \$600 to \$999</li> <li><input type="radio"/> \$1,000 to \$2,499</li> <li><input type="radio"/> \$2,500 or more</li> </ul>                                                         | <b>H22. What are the costs of utilities and fuels for your living quarters?</b> <b>a. Electricity</b><br>\$ _____ .00 OR <input type="radio"/> Included in rent or no charge<br><i>Average monthly cost</i> <input type="radio"/> Electricity not used                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <b>H22c.</b><br><table border="1"> <tr><td>0</td><td>0</td><td>0</td></tr> <tr><td>1</td><td>1</td><td>1</td></tr> <tr><td>2</td><td>2</td><td>2</td></tr> <tr><td>3</td><td>3</td><td>3</td></tr> <tr><td>4</td><td>4</td><td>4</td></tr> <tr><td>5</td><td>5</td><td>5</td></tr> <tr><td>6</td><td>6</td><td>6</td></tr> <tr><td>7</td><td>7</td><td>7</td></tr> <tr><td>8</td><td>8</td><td>8</td></tr> <tr><td>9</td><td>9</td><td>9</td></tr> </table>                      | 0 | 0 | 0 | 1 | 1 | 1 | 2 | 2 | 2 | 3 | 3 | 3 | 4 | 4 | 4 | 5 | 5 | 5 | 6 | 6 | 6 | 7 | 7 | 7 | 8 | 8 | 8 | 9 | 9 | 9 |
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| <b>H16. Do you get water from —</b> <ul style="list-style-type: none"> <li><input type="radio"/> A public system (city water department, etc.) or private company?</li> <li><input type="radio"/> An individual drilled well?</li> <li><input type="radio"/> An individual dug well?</li> <li><input type="radio"/> Some other source (a spring, creek, river, cistern, etc.)?</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                      | <b>c. Gas</b><br>\$ _____ .00 OR <input type="radio"/> Included in rent or no charge<br><i>Average monthly cost</i> <input type="radio"/> Gas not used                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <b>H22d.</b><br><table border="1"> <tr><td>0</td><td>0</td><td>0</td></tr> <tr><td>1</td><td>1</td><td>1</td></tr> <tr><td>2</td><td>2</td><td>2</td></tr> <tr><td>3</td><td>3</td><td>3</td></tr> <tr><td>4</td><td>4</td><td>4</td></tr> <tr><td>5</td><td>5</td><td>5</td></tr> <tr><td>6</td><td>6</td><td>6</td></tr> <tr><td>7</td><td>7</td><td>7</td></tr> <tr><td>8</td><td>8</td><td>8</td></tr> <tr><td>9</td><td>9</td><td>9</td></tr> </table>                      | 0 | 0 | 0 | 1 | 1 | 1 | 2 | 2 | 2 | 3 | 3 | 3 | 4 | 4 | 4 | 5 | 5 | 5 | 6 | 6 | 6 | 7 | 7 | 7 | 8 | 8 | 8 | 9 | 9 | 9 |
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| <b>H17. Is this building connected to a public sewer?</b> <ul style="list-style-type: none"> <li><input type="radio"/> Yes, connected to public sewer</li> <li><input type="radio"/> No, connected to septic tank or cesspool</li> <li><input type="radio"/> No, use other means</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <b>d. Oil, coal, kerosene, wood, etc.</b><br>\$ _____ .00 OR <input type="radio"/> Included in rent or no charge<br><i>Yearly cost</i> <input type="radio"/> These fuels not used                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <b>H22e.</b><br><table border="1"> <tr><td>0</td><td>0</td><td>0</td></tr> <tr><td>1</td><td>1</td><td>1</td></tr> <tr><td>2</td><td>2</td><td>2</td></tr> <tr><td>3</td><td>3</td><td>3</td></tr> <tr><td>4</td><td>4</td><td>4</td></tr> <tr><td>5</td><td>5</td><td>5</td></tr> <tr><td>6</td><td>6</td><td>6</td></tr> <tr><td>7</td><td>7</td><td>7</td></tr> <tr><td>8</td><td>8</td><td>8</td></tr> <tr><td>9</td><td>9</td><td>9</td></tr> </table>                      | 0 | 0 | 0 | 1 | 1 | 1 | 2 | 2 | 2 | 3 | 3 | 3 | 4 | 4 | 4 | 5 | 5 | 5 | 6 | 6 | 6 | 7 | 7 | 7 | 8 | 8 | 8 | 9 | 9 | 9 |
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| <b>H18. About when was this building originally built? Mark when the building was first constructed, not when it was remodeled, added to, or converted.</b> <ul style="list-style-type: none"> <li><input type="radio"/> 1979 or 1980</li> <li><input type="radio"/> 1975 to 1978</li> <li><input type="radio"/> 1970 to 1974</li> <li><input type="radio"/> 1960 to 1969</li> <li><input type="radio"/> 1950 to 1959</li> <li><input type="radio"/> 1940 to 1949</li> <li><input type="radio"/> 1939 or earlier</li> </ul>                                                                                                                                                                                                                                                                                                    | <b>H23. Do you have complete kitchen facilities? Complete kitchen facilities are a sink with piped water, a range or cookstove, and a refrigerator.</b> <ul style="list-style-type: none"> <li><input type="radio"/> Yes</li> <li><input type="radio"/> No</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <b>H22f.</b><br><table border="1"> <tr><td>0</td><td>0</td><td>0</td></tr> <tr><td>1</td><td>1</td><td>1</td></tr> <tr><td>2</td><td>2</td><td>2</td></tr> <tr><td>3</td><td>3</td><td>3</td></tr> <tr><td>4</td><td>4</td><td>4</td></tr> <tr><td>5</td><td>5</td><td>5</td></tr> <tr><td>6</td><td>6</td><td>6</td></tr> <tr><td>7</td><td>7</td><td>7</td></tr> <tr><td>8</td><td>8</td><td>8</td></tr> <tr><td>9</td><td>9</td><td>9</td></tr> </table>                      | 0 | 0 | 0 | 1 | 1 | 1 | 2 | 2 | 2 | 3 | 3 | 3 | 4 | 4 | 4 | 5 | 5 | 5 | 6 | 6 | 6 | 7 | 7 | 7 | 8 | 8 | 8 | 9 | 9 | 9 |
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| <b>H19. When did the person listed in column 1 move into this house (or apartment)?</b> <ul style="list-style-type: none"> <li><input type="radio"/> 1979 or 1980</li> <li><input type="radio"/> 1975 to 1978</li> <li><input type="radio"/> 1970 to 1974</li> <li><input type="radio"/> 1960 to 1969</li> <li><input type="radio"/> 1950 to 1959</li> <li><input type="radio"/> 1949 or earlier</li> <li><input type="radio"/> Always lived here</li> </ul>                                                                                                                                                                                                                                                                                                                                                                   | <b>H24. How many bedrooms do you have?</b><br><i>Count rooms used mainly for sleeping even if used also for other purposes.</i> <ul style="list-style-type: none"> <li><input type="radio"/> No bedroom</li> <li><input type="radio"/> 1 bedroom</li> <li><input type="radio"/> 2 bedrooms</li> <li><input type="radio"/> 3 bedrooms</li> <li><input type="radio"/> 4 bedrooms</li> <li><input type="radio"/> 5 or more bedrooms</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <b>H22g.</b><br><table border="1"> <tr><td>0</td><td>0</td><td>0</td></tr> <tr><td>1</td><td>1</td><td>1</td></tr> <tr><td>2</td><td>2</td><td>2</td></tr> <tr><td>3</td><td>3</td><td>3</td></tr> <tr><td>4</td><td>4</td><td>4</td></tr> <tr><td>5</td><td>5</td><td>5</td></tr> <tr><td>6</td><td>6</td><td>6</td></tr> <tr><td>7</td><td>7</td><td>7</td></tr> <tr><td>8</td><td>8</td><td>8</td></tr> <tr><td>9</td><td>9</td><td>9</td></tr> </table>                      | 0 | 0 | 0 | 1 | 1 | 1 | 2 | 2 | 2 | 3 | 3 | 3 | 4 | 4 | 4 | 5 | 5 | 5 | 6 | 6 | 6 | 7 | 7 | 7 | 8 | 8 | 8 | 9 | 9 | 9 |
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| <b>H20. How are your living quarters heated?</b><br><i>Fill one circle for the kind of heat used most.</i> <ul style="list-style-type: none"> <li><input type="radio"/> Steam or hot water system</li> <li><input type="radio"/> Central warm-air furnace with ducts to the individual rooms (Do not count electric heat pumps here)</li> <li><input type="radio"/> Electric heat pump</li> <li><input type="radio"/> Other built-in electric units (permanently installed in wall, ceiling, or baseboard)</li> </ul>                                                                                                                                                                                                                                                                                                          | <b>H25. How many bathrooms do you have?</b><br><i>A complete bathroom is a room with flush toilet, bathtub or shower, and wash basin with piped water.</i><br><i>A half bathroom has at least a flush toilet or bathtub or shower, but does not have all the facilities for a complete bathroom.</i> <ul style="list-style-type: none"> <li><input type="radio"/> No bathroom, or only a half bathroom</li> <li><input type="radio"/> 1 complete bathroom</li> <li><input type="radio"/> 1 complete bathroom, plus half bath(s)</li> <li><input type="radio"/> 2 or more complete bathrooms</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                      | <b>H22h.</b><br><table border="1"> <tr><td>0</td><td>0</td><td>0</td></tr> <tr><td>1</td><td>1</td><td>1</td></tr> <tr><td>2</td><td>2</td><td>2</td></tr> <tr><td>3</td><td>3</td><td>3</td></tr> <tr><td>4</td><td>4</td><td>4</td></tr> <tr><td>5</td><td>5</td><td>5</td></tr> <tr><td>6</td><td>6</td><td>6</td></tr> <tr><td>7</td><td>7</td><td>7</td></tr> <tr><td>8</td><td>8</td><td>8</td></tr> <tr><td>9</td><td>9</td><td>9</td></tr> </table>                      | 0 | 0 | 0 | 1 | 1 | 1 | 2 | 2 | 2 | 3 | 3 | 3 | 4 | 4 | 4 | 5 | 5 | 5 | 6 | 6 | 6 | 7 | 7 | 7 | 8 | 8 | 8 | 9 | 9 | 9 |
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| <ul style="list-style-type: none"> <li><input type="radio"/> Floor, wall, or pipeless furnace</li> <li><input type="radio"/> Room heaters with flue or vent, burning gas, oil, or kerosene</li> <li><input type="radio"/> Room heaters without flue or vent, burning gas, oil, or kerosene (not portable)</li> <li><input type="radio"/> Fireplaces, stoves, or portable room heaters of any kind</li> <li><input type="radio"/> No heating equipment</li> </ul>                                                                                                                                                                                                                                                                                                                                                               | <b>H26. Do you have a telephone in your living quarters?</b> <ul style="list-style-type: none"> <li><input type="radio"/> Yes</li> <li><input type="radio"/> No</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <b>H22i.</b><br><table border="1"> <tr><td>0</td><td>0</td><td>0</td></tr> <tr><td>1</td><td>1</td><td>1</td></tr> <tr><td>2</td><td>2</td><td>2</td></tr> <tr><td>3</td><td>3</td><td>3</td></tr> <tr><td>4</td><td>4</td><td>4</td></tr> <tr><td>5</td><td>5</td><td>5</td></tr> <tr><td>6</td><td>6</td><td>6</td></tr> <tr><td>7</td><td>7</td><td>7</td></tr> <tr><td>8</td><td>8</td><td>8</td></tr> <tr><td>9</td><td>9</td><td>9</td></tr> </table>                      | 0 | 0 | 0 | 1 | 1 | 1 | 2 | 2 | 2 | 3 | 3 | 3 | 4 | 4 | 4 | 5 | 5 | 5 | 6 | 6 | 6 | 7 | 7 | 7 | 8 | 8 | 8 | 9 | 9 | 9 |
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|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <b>H28. How many automobiles are kept at home for use by members of your household?</b> <ul style="list-style-type: none"> <li><input type="radio"/> None</li> <li><input type="radio"/> 1 automobile</li> <li><input type="radio"/> 2 automobiles</li> <li><input type="radio"/> 3 or more automobiles</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <b>H22k.</b><br><table border="1"> <tr><td>0</td><td>0</td><td>0</td></tr> <tr><td>1</td><td>1</td><td>1</td></tr> <tr><td>2</td><td>2</td><td>2</td></tr> <tr><td>3</td><td>3</td><td>3</td></tr> <tr><td>4</td><td>4</td><td>4</td></tr> <tr><td>5</td><td>5</td><td>5</td></tr> <tr><td>6</td><td>6</td><td>6</td></tr> <tr><td>7</td><td>7</td><td>7</td></tr> <tr><td>8</td><td>8</td><td>8</td></tr> <tr><td>9</td><td>9</td><td>9</td></tr> </table>                      | 0 | 0 | 0 | 1 | 1 | 1 | 2 | 2 | 2 | 3 | 3 | 3 | 4 | 4 | 4 | 5 | 5 | 5 | 6 | 6 | 6 | 7 | 7 | 7 | 8 | 8 | 8 | 9 | 9 | 9 |
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|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <b>H29. How many vans or trucks of one-ton capacity or less are kept at home for use by members of your household?</b> <ul style="list-style-type: none"> <li><input type="radio"/> None</li> <li><input type="radio"/> 1 van or truck</li> <li><input type="radio"/> 2 vans or trucks</li> <li><input type="radio"/> 3 or more vans or trucks</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <b>H22l.</b><br><table border="1"> <tr><td>0</td><td>0</td><td>0</td></tr> <tr><td>1</td><td>1</td><td>1</td></tr> <tr><td>2</td><td>2</td><td>2</td></tr> <tr><td>3</td><td>3</td><td>3</td></tr> <tr><td>4</td><td>4</td><td>4</td></tr> <tr><td>5</td><td>5</td><td>5</td></tr> <tr><td>6</td><td>6</td><td>6</td></tr> <tr><td>7</td><td>7</td><td>7</td></tr> <tr><td>8</td><td>8</td><td>8</td></tr> <tr><td>9</td><td>9</td><td>9</td></tr> </table>                      | 0 | 0 | 0 | 1 | 1 | 1 | 2 | 2 | 2 | 3 | 3 | 3 | 4 | 4 | 4 | 5 | 5 | 5 | 6 | 6 | 6 | 7 | 7 | 7 | 8 | 8 | 8 | 9 | 9 | 9 |
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FOR YOUR HOUSEHOLD

Please answer H30–H32 if you live in a one-family house which you own or are buying, unless this is –

- A mobile home or trailer
- A house on 10 or more acres
- A condominium unit
- A house with a commercial establishment or medical office on the property

If any of these, or if you rent your unit or this is a multi-family structure, skip H30 to H32 and turn to page 6.

H30. What were the real estate taxes on this property last year?

\$ \_\_\_\_\_ .00 OR ☐ None

H31. What is the annual premium for fire and hazard insurance on this property?

\$ \_\_\_\_\_ .00 OR ☐ None

H32a. Do you have a mortgage, deed of trust, contract to purchase, or similar debt on this property?

☐ Yes, mortgage, deed of trust, or similar debt

☐ Yes, contract to purchase

☐ No — Skip to page 6

b. Do you have a second or junior mortgage on this property?

☐ Yes ☐ No

c. How much is your total regular monthly payment to the lender?

Also include payments on a contract to purchase and to lenders holding second or junior mortgages on this property.

\$ \_\_\_\_\_ .00 OR ☐ No regular payment required — Skip to page 6

d. Does your regular monthly payment (amount entered in H32c) include payments for real estate taxes on this property?

☐ Yes, taxes included in payment

☐ No, taxes paid separately or taxes not required

e. Does your regular monthly payment (amount entered in H32c) include payments for fire and hazard insurance on this property?

☐ Yes, insurance included in payment

☐ No, insurance paid separately or no insurance

Please turn to page 6

FOR CENSUS USE ONLY

|      |           |           |      |           |           |           |           |           |
|------|-----------|-----------|------|-----------|-----------|-----------|-----------|-----------|
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| <p><b>Name of Person 1 on page 2:</b></p> <p style="text-align: center;">Last name      First name      Middle initial</p> <hr/> <p><b>11. In what State or foreign country was this person born?</b><br/> <i>Print the State where this person's mother was living when this person was born. Do not give the location of the hospital unless the mother's home and the hospital were in the same State.</i></p> <p style="text-align: center;">Name of State or foreign country; or Puerto Rico, Guam, etc.</p> <hr/> <p><b>12. If this person was born in a foreign country —</b><br/> <b>a. Is this person a naturalized citizen of the United States?</b><br/> <input type="radio"/> Yes, a naturalized citizen<br/> <input type="radio"/> No, not a citizen<br/> <input type="radio"/> Born abroad of American parents</p> <p><b>b. When did this person come to the United States to stay?</b><br/> <input type="radio"/> 1975 to 1980    <input type="radio"/> 1965 to 1969    <input type="radio"/> 1950 to 1959<br/> <input type="radio"/> 1970 to 1974    <input type="radio"/> 1960 to 1964    <input type="radio"/> Before 1950</p> <p><b>13a. Does this person speak a language other than English at home?</b><br/> <input type="radio"/> Yes    <input type="radio"/> No, only speaks English — <i>Skip to 14</i></p> <p><b>b. What is this language?</b><br/> <i>(For example — Chinese, Italian, Spanish, etc.)</i></p> <p><b>c. How well does this person speak English?</b><br/> <input type="radio"/> Very well    <input type="radio"/> Not well<br/> <input type="radio"/> Well    <input type="radio"/> Not at all</p> <p><b>14. What is this person's ancestry?</b> <i>If uncertain about how to report ancestry, see instruction guide.</i><br/> <i>(For example: Afro-Amer., English, French, German, Honduran, Hungarian, Irish, Italian, Jamaican, Korean, Lebanese, Mexican, Nigerian, Polish, Ukrainian, Venezuelan, etc.)</i></p> <p><b>15a. Did this person live in this house five years ago (April 1, 1975)?</b><br/> <i>If in college or Armed Forces in April 1975, report place of residence there.</i><br/> <input type="radio"/> Born April 1975 or later — <i>Turn to next page for next person</i><br/> <input type="radio"/> Yes, this house — <i>Skip to 16</i><br/> <input type="radio"/> No, different house</p> <p><b>b. Where did this person live five years ago (April 1, 1975)?</b><br/> <b>(1) State, foreign country, Puerto Rico, Guam, etc.:</b><br/> <b>(2) County:</b><br/> <b>(3) City, town, village, etc.:</b><br/> <b>(4) Inside the incorporated (legal) limits of that city, town, village, etc.?</b><br/> <input type="radio"/> Yes    <input type="radio"/> No, in unincorporated area</p> | <p><b>16. When was this person born?</b><br/> <input type="radio"/> Born before April 1965 — <i>Please go on with questions 17-33</i><br/> <input type="radio"/> Born April 1965 or later — <i>Turn to next page for next person</i></p> <p><b>17. In April 1975 (five years ago) was this person —</b><br/> <b>a. On active duty in the Armed Forces?</b><br/> <input type="radio"/> Yes    <input type="radio"/> No</p> <p><b>b. Attending college?</b><br/> <input type="radio"/> Yes    <input type="radio"/> No</p> <p><b>c. Working at a job or business?</b><br/> <input type="radio"/> Yes, full time    <input type="radio"/> No<br/> <input type="radio"/> Yes, part time</p> <p><b>18a. Is this person a veteran of active-duty military service in the Armed Forces of the United States?</b><br/> <i>If service was in National Guard or Reserves only, see instruction guide.</i><br/> <input type="radio"/> Yes    <input type="radio"/> No — <i>Skip to 19</i></p> <p><b>b. Was active-duty military service during —</b><br/> <i>Fill a circle for each period in which this person served.</i><br/> <input type="radio"/> May 1975 or later<br/> <input type="radio"/> Vietnam era (August 1964–April 1975)<br/> <input type="radio"/> February 1955–July 1964<br/> <input type="radio"/> Korean conflict (June 1950–January 1955)<br/> <input type="radio"/> World War II (September 1940–July 1947)<br/> <input type="radio"/> World War I (April 1917–November 1918)<br/> <input type="radio"/> Any other time</p> <p><b>19. Does this person have a physical, mental, or other health condition which has lasted for 6 or more months and which . . .</b><br/> <b>a. Limits the kind or amount of work this person can do at a job? . . .</b>    Yes    No<br/> <b>b. Prevents this person from working at a job?</b>    Yes    No<br/> <b>c. Limits or prevents this person from using public transportation? . . .</b>    Yes    No</p> <p><b>20. If this person is a female —</b><br/> <b>How many babies has she ever had, not counting stillbirths?</b><br/> <i>Do not count her stepchildren or children she has adopted.</i><br/> None    1    2    3    4    5    6<br/> <input type="radio"/>    <input type="radio"/>    <input type="radio"/>    <input type="radio"/>    <input type="radio"/>    <input type="radio"/>    <input type="radio"/><br/> 7    8    9    10    11    12 or more<br/> <input type="radio"/>    <input type="radio"/>    <input type="radio"/>    <input type="radio"/>    <input type="radio"/>    <input type="radio"/></p> <p><b>21. If this person has ever been married —</b><br/> <b>a. Has this person been married more than once?</b><br/> <input type="radio"/> Once    <input type="radio"/> More than once</p> <p><b>b. Month and year of marriage?</b>    Month and year of first marriage?<br/> ( ) ( )    ( ) ( )<br/> ( ) ( )    ( ) ( )</p> <p><b>c. If married more than once — Did the first marriage end because of the death of the husband (or wife)?</b><br/> <input type="radio"/> Yes    <input type="radio"/> No</p> | <p><b>22a. Did this person work at any time last week?</b><br/> <input type="radio"/> Yes — <i>Fill this circle if this person worked full time or part time. (Count part-time work such as delivering papers, or helping without pay in a family business or farm. Also count active duty in the Armed Forces.)</i><br/> <input type="radio"/> No — <i>Fill this circle if this person did not work, or did only own housework, school work, or volunteer work.</i><br/> <div style="text-align: right;"><i>Skip to 25</i></div></p> <p><b>b. How many hours did this person work last week (at all jobs)?</b><br/> <i>Subtract any time off; add overtime or extra hours worked.</i><br/> <div style="text-align: right;">Hours</div></p> <p><b>23. At what location did this person work last week?</b><br/> <i>If this person worked at more than one location, print where he or she worked most last week.</i><br/> <i>If one location cannot be specified, see instruction guide.</i><br/> <b>a. Address (Number and street)</b><br/> <i>If street address is not known, enter the building name, shopping center, or other physical location description.</i><br/> <b>b. Name of city, town, village, borough, etc.</b><br/> <b>c. Is the place of work inside the incorporated (legal) limits of that city, town, village, borough, etc.?</b><br/> <input type="radio"/> Yes    <input type="radio"/> No, in unincorporated area<br/> <b>d. County</b><br/> <b>e. State</b>    <b>f. ZIP Code</b><br/> <b>24a. Last week, how long did it usually take this person to get from home to work (one way)?</b><br/> <div style="text-align: right;">Minutes</div><br/> <b>b. How did this person usually get to work last week?</b><br/> <i>If this person used more than one method, give the one usually used for most of the distance.</i><br/> <input type="radio"/> Car    <input type="radio"/> Taxicab<br/> <input type="radio"/> Truck    <input type="radio"/> Motorcycle<br/> <input type="radio"/> Van    <input type="radio"/> Bicycle<br/> <input type="radio"/> Bus or streetcar    <input type="radio"/> Walked only<br/> <input type="radio"/> Railroad    <input type="radio"/> Worked at home<br/> <input type="radio"/> Subway or elevated    <input type="radio"/> Other — <i>Specify</i><br/> <i>If car, truck, or van in 24b, go to 24c. Otherwise, skip to 28.</i></p> |
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|---------------------|-------|-------|-------|-------|-------|------|--|--|--|--|--|
| Per. No.            | 11.   | 13b.  | 14.   | 15b.  | 23.   | 24a. |  |  |  |  |  |
| 1                   | 0 0 0 | 0 0 0 | 0 0 0 | 0 0 0 | 0 0 0 | 0 0  |  |  |  |  |  |
| 2                   | 1 1 1 | 1 1 1 | 1 1 1 | 1 1 1 | 1 1 1 | 1 1  |  |  |  |  |  |
| 3                   | 2 2 2 | 2 2 2 | 2 2 2 | 2 2 2 | 2 2 2 | 2 2  |  |  |  |  |  |
| 4                   | 3 3 3 | 3 3 3 | 3 3 3 | 3 3 3 | 3 3 3 | 3 3  |  |  |  |  |  |
| 5                   | 4 4 4 | 4 4 4 | 4 4 4 | 4 4 4 | 4 4 4 | 4 4  |  |  |  |  |  |
| 6                   | 5 5 5 | 5 5 5 | 5 5 5 | 5 5 5 | 5 5 5 | 5 5  |  |  |  |  |  |
| 7                   | 6 6 6 | 6 6 6 | 6 6 6 | 6 6 6 | 6 6 6 | 6 6  |  |  |  |  |  |
| 8                   | 7 7 7 | 7 7 7 | 7 7 7 | 7 7 7 | 7 7 7 | 7 7  |  |  |  |  |  |
| 9                   | 8 8 8 | 8 8 8 | 8 8 8 | 8 8 8 | 8 8 8 | 8 8  |  |  |  |  |  |
| 0                   | 9 9 9 | 9 9 9 | 9 9 9 | 9 9 9 | 9 9 9 | 9 9  |  |  |  |  |  |

c. When going to work last week, did this person usually —  
☐ Drive alone — *Skip to 28*      ☐ Drive others only  
☐ Share driving      ☐ Ride as passenger only

d. How many people, including this person, usually rode to work in the car, truck, or van last week?  
☐ 2      ☐ 4      ☐ 6  
☐ 3      ☐ 5      ☐ 7 or more

*After answering 24d, skip to 28.*

25. Was this person temporarily absent or on layoff from a job or business last week?  
☐ Yes, on layoff  
☐ Yes, on vacation, temporary illness, labor dispute, etc.  
☐ No

26a. Has this person been looking for work during the last 4 weeks?  
☐ Yes      ☐ No — *Skip to 27*

b. Could this person have taken a job last week?  
☐ No, already has a job  
☐ No, temporarily ill  
☐ No, other reasons (*In school, etc.*)  
☐ Yes, could have taken a job

27. When did this person last work, even for a few days?  
☐ 1980      ☐ 1978      ☐ 1970 to 1974  
☐ 1979      ☐ 1975 to 1977      ☐ 1969 or earlier  
☐ Never worked } *Skip to 31d*

28–30. Current or most recent job activity  
*Describe clearly this person's chief job activity or business last week. If this person had more than one job, describe the one at which this person worked the most hours.*  
*If this person had no job or business last week, give information for last job or business since 1975.*

28. Industry  
a. For whom did this person work? *If now on active duty in the Armed Forces, print "AF" and skip to question 31.*  
*(Name of company, business, organization, or other employer)*  
b. What kind of business or industry was this?  
*Describe the activity at location where employed.*  
*(For example: Hospital, newspaper publishing, mail order house, auto engine manufacturing, breakfast cereal manufacturing)*  
c. Is this mainly — (*Fill one circle*)  
☐ Manufacturing      ☐ Retail trade  
☐ Wholesale trade      ☐ Other — (*agriculture, construction, service, government, etc.*)

29. Occupation  
a. What kind of work was this person doing?  
*(For example: Registered nurse, personnel manager, supervisor of order department, gasoline engine assembler, grinder operator)*  
b. What were this person's most important activities or duties?  
*(For example: Patient care, directing hiring policies, supervising order clerks, assembling engines, operating grinding mill)*

30. Was this person — (*Fill one circle*)  
Employee of private company, business, or individual, for wages, salary, or commissions ..... ☐  
Federal government employee ..... ☐  
State government employee ..... ☐  
Local government employee (city, county, etc.) ..... ☐  
Self-employed in own business, professional practice, or farm —  
Own business not incorporated ..... ☐  
Own business incorporated ..... ☐  
Working without pay in family business or farm ..... ☐

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21b.

I ☐ ☐

O ☐ I ☐ I ☐

O ☐ 2 ☐ 2 ☐ 2

II ☐ 3 ☐ 3

O ☐ 4 ☐ 4

O ☐ 5 ☐ 5

III ☐ 6 ☐ 6

O ☐ 7 ☐ 7

IV ☐ 8 ☐ 8

O ☐ 9 ☐ 9

22b.

I ☐ I ☐

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7 ☐ 7 ☐ 7

8 ☐ 8 ☐ 8

9 ☐ 9 ☐ 9

28.

A ☐ B ☐ C ☐

O ☐ O ☐ O ☐

D ☐ E ☐ F ☐

O ☐ O ☐ O ☐

G ☐ H ☐ J ☐

O ☐ O ☐ O ☐

K ☐ L ☐ M ☐

O ☐ O ☐ O ☐

I ☐ I ☐ I ☐

2 ☐ 2 ☐ 2 ☐ 2

3 ☐ 3 ☐ 3 ☐ 3

4 ☐ 4 ☐ 4 ☐ 4

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AF ☐ NW ☐

29.

N ☐ P ☐ Q ☐

O ☐ O ☐ O ☐

R ☐ S ☐ T ☐

O ☐ O ☐ O ☐

U ☐ V ☐ W ☐

O ☐ O ☐ O ☐

X ☐ Y ☐ Z ☐

O ☐ O ☐ O ☐

I ☐ I ☐ I ☐

2 ☐ 2 ☐ 2 ☐ 2

3 ☐ 3 ☐ 3 ☐ 3

4 ☐ 4 ☐ 4 ☐ 4

5 ☐ 5 ☐ 5 ☐ 5

6 ☐ 6 ☐ 6 ☐ 6

7 ☐ 7 ☐ 7 ☐ 7

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9 ☐ 9 ☐ 9 ☐ 9

31a. Last year (1979), did this person work, even for a few days, at a paid job or in a business or farm?  
☐ Yes      ☐ No — *Skip to 31d*

b. How many weeks did this person work in 1979?  
*Count paid vacation, paid sick leave, and military service.*  
Weeks

c. During the weeks worked in 1979, how many hours did this person usually work each week?  
Hours

d. Of the weeks not worked in 1979 (if any), how many weeks was this person looking for work or on layoff from a job?  
Weeks

32. Income in 1979 —  
*Fill circles and print dollar amounts.*  
*If net income was a loss, write "Loss" above the dollar amount.*  
*If exact amount is not known, give best estimate. For income received jointly by household members, see instruction guide.*  
During 1979 did this person receive any income from the following sources?  
*If "Yes" to any of the sources below — How much did this person receive for the entire year?*

a. Wages, salary, commissions, bonuses, or tips from all jobs ... *Report amount before deductions for taxes, bonds, dues, or other items.*  
☐ Yes → \$ .....  
☐ No .....  
*(Annual amount — Dollars)*

b. Own nonfarm business, partnership, or professional practice ... *Report net income after business expenses.*  
☐ Yes → \$ .....  
☐ No .....  
*(Annual amount — Dollars)*

c. Own farm ...  
*Report net income after operating expenses. Include earnings as a tenant farmer or sharecropper.*  
☐ Yes → \$ .....  
☐ No .....  
*(Annual amount — Dollars)*

d. Interest, dividends, royalties, or net rental income ...  
*Report even small amounts credited to an account.*  
☐ Yes → \$ .....  
☐ No .....  
*(Annual amount — Dollars)*

e. Social Security or Railroad Retirement ...  
☐ Yes → \$ .....  
☐ No .....  
*(Annual amount — Dollars)*

f. Supplemental Security (SSI), Aid to Families with Dependent Children (AFDC), or other public assistance or public welfare payments ...  
☐ Yes → \$ .....  
☐ No .....  
*(Annual amount — Dollars)*

g. Unemployment compensation, veterans' payments, pensions, alimony or child support, or any other sources of income received regularly ...  
*Exclude lump-sum payments such as money from an inheritance or the sale of a home.*  
☐ Yes → \$ .....  
☐ No .....  
*(Annual amount — Dollars)*

33. What was this person's total income in 1979?  
*Add entries in questions 32a through g; subtract any losses.* \$ .....  
*If total amount was a loss, write "Loss" above amount.* OR ☐ None

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31b.

O ☐ O ☐ O ☐

I ☐ I ☐ I ☐

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31c.

O ☐ O ☐ O ☐

I ☐ I ☐ I ☐

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31d.

O ☐ O ☐ O ☐

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32a.

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5 ☐ 5 ☐ 5 ☐ 5 ☐ 5 ☐ 5

6 ☐ 6 ☐ 6 ☐ 6 ☐ 6 ☐ 6

7 ☐ 7 ☐ 7 ☐ 7 ☐ 7 ☐ 7

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A ☐ O ☐ A ☐ O

32b.

O ☐ O ☐ O ☐ O ☐

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6 ☐ 6 ☐ 6 ☐ 6 ☐ 6 ☐ 6

7 ☐ 7 ☐ 7 ☐ 7 ☐ 7 ☐ 7

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A ☐ O ☐ A ☐ O

32c.

O ☐ O ☐ O ☐ O ☐

I ☐ I ☐ I ☐ I ☐ I

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7 ☐ 7 ☐ 7 ☐ 7 ☐ 7 ☐ 7

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A ☐ O ☐ A ☐ O

32d.

O ☐ O ☐ O ☐ O ☐

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32e.

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4 ☐ 4 ☐ 4 ☐ 4 ☐ 4 ☐ 4

5 ☐ 5 ☐ 5 ☐ 5 ☐ 5 ☐ 5

6 ☐ 6 ☐ 6 ☐ 6 ☐ 6 ☐ 6

7 ☐ 7 ☐ 7 ☐ 7 ☐ 7 ☐ 7

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32f.

O ☐ O ☐ O ☐ O ☐

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4 ☐ 4 ☐ 4 ☐ 4 ☐ 4 ☐ 4

5 ☐ 5 ☐ 5 ☐ 5 ☐ 5 ☐ 5

6 ☐ 6 ☐ 6 ☐ 6 ☐ 6 ☐ 6

7 ☐ 7 ☐ 7 ☐ 7 ☐ 7 ☐ 7

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A ☐ O ☐ A ☐ O

32g.

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33.

O ☐ O ☐ O ☐ O ☐

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4 ☐ 4 ☐ 4 ☐ 4 ☐ 4 ☐ 4

5 ☐ 5 ☐ 5 ☐ 5 ☐ 5 ☐ 5

6 ☐ 6 ☐ 6 ☐ 6 ☐ 6 ☐ 6

7 ☐ 7 ☐ 7 ☐ 7 ☐ 7 ☐ 7

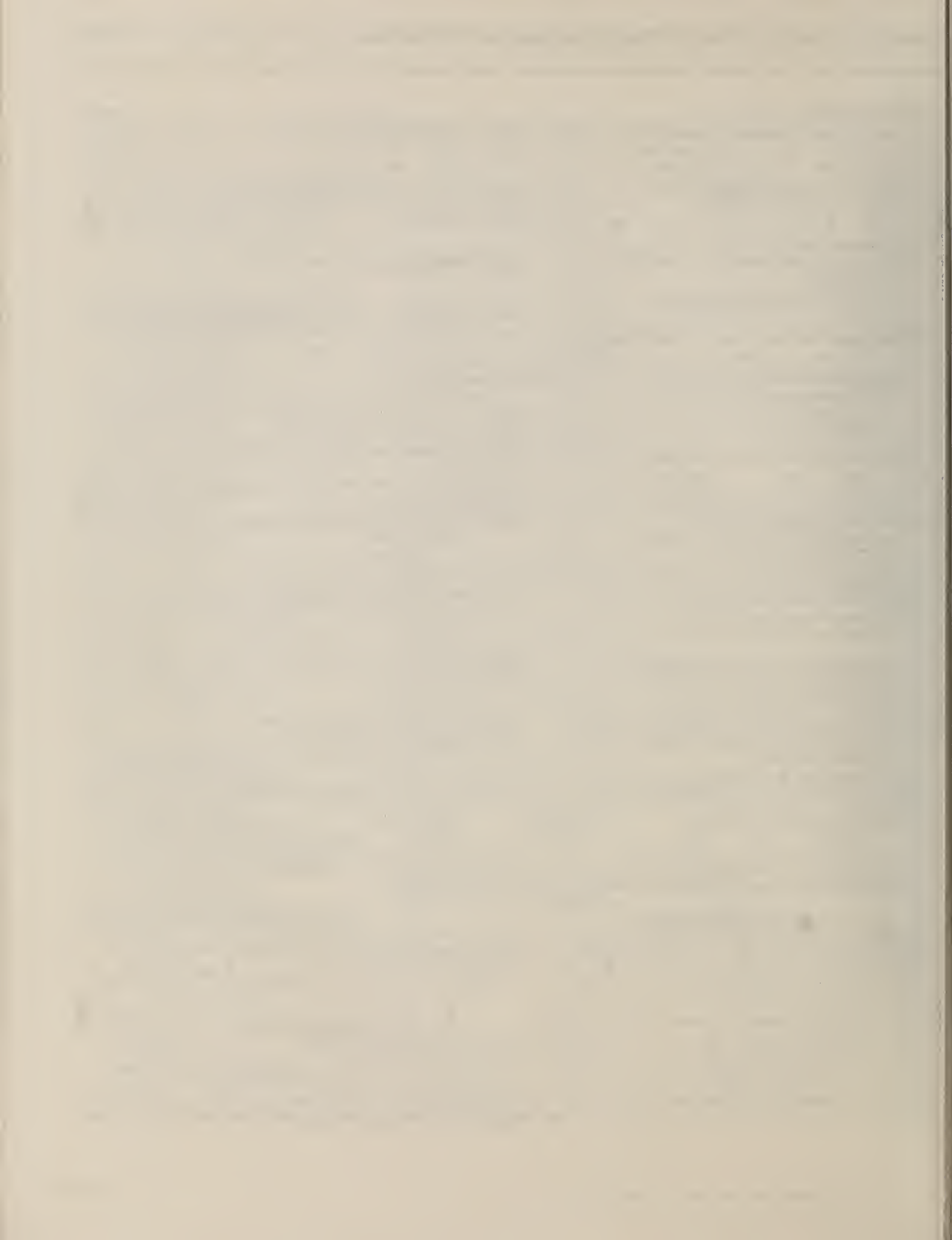
8 ☐ 8 ☐ 8 ☐ 8 ☐ 8 ☐ 8

9 ☐ 9 ☐ 9 ☐ 9 ☐ 9 ☐ 9

A ☐ O ☐ A ☐ O

➔ Please turn to the next page and answer the questions for Person 2 on page 2















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